



Smart Service Providers

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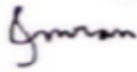
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This Project report has been submitted in fulfillment of the requirements for the Degree of Bachelor of Science in Software Engineering.

APPROVAL

This project “**Smart Service Providers**” submitted by **Pranto Das, ID: 171-35-1858** to the Department of Software Engineering, Daffodil International University has been accepted as satisfactory for the partial fulfillment of the requirements for the degree of Bachelor of Science in Software Engineering and approval as to its style and contents.

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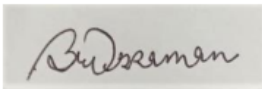
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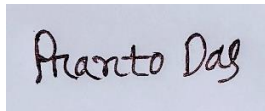
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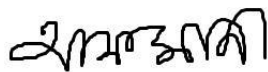
I hereby declare that the project entitled “**Smart Service Providers**” has been completed by me under the supervision **Afsana Begum Assistant Professor**, Department of Software Engineering, Daffodil International University. I declare that this project is my original work for the degree of B.Sc. in Software Engineering and that neither the whole work nor any part has been submitted or use elsewhere for another degree in this or any other university.

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PROJECT SUMMARY

The purpose of the project “Smart Service Provider” is developed for solved Dhaka city people everyday life facing problem when we need urgent service.as like home-change or office change time we need vehicles, human laborer service, at time of sudden air conditioner problem, house electricity, stove or oven, car and bike all kinds of daily life problem will be recovered by this project.

This project is based on web application and a win situation business relationship between three stakeholders. Services are provided by verified professional service provider who provide this kind of service socially. The service provider can post their services on the site which they want to provide depend on category. They also can share their working experience or thought by blog and user or customer can review their post also. User or customer can book a service as their need with proper date and time and provide some validated information. Admin panel have managed all post activities, customer booking slot order and blog post reviews also. User and service providers can check the order status which depend on admin approval. The service provider will provide their service at door step or home service.

Hope, this project will be reduced the hassles of people’s daily life facing problem. Time and money will be saving also and everyone who use the system will be benefitted.

Table of Contents

APPROVAL	I
DECLARATION	II
ACKNOWLEDGEMENT	III
PROJECT SUMMARY	IV
LIST OF TABLE	VII
LIST OF FIGURES	VII
CHAPTER 01	1
INTRODUCTION	1
1.1 Project Overview	1
1.2 Project Purpose	1
1.3 Proposed System Model	3
CHAPTER 02	5
SOFTWARE REQUIREMENT SPECIFICATION	5
2.1 Functional Requirements	5
2.2 Performance Requirements	8
2.3 Dependability Requirements	8
2.4 Maintainability and Supportability Requirements	9
2.5 Security Requirements	9
2.6 Usability With Human-Interactions Requirement	9
2.7 Legal Requirements	9
CHAPTER 03	10
SYSTEM ANALYSIS	10
3.1 Use Case	10
3.1.1 Use Case for User	11
3.1.2 Use case for Service providers	14
3.1.3 Use case for Admin:	18
3.2 Activity Diagram:	23
3.2.1 For User	23
3.2.2 For Service Providers	28

3.2.3 For Admin	32
3.3 Sequence Diagram:	38
3.4 Class Diagram:	49
3.5 ERD Diagram:	50
CHAPTER 4	51
DEVELOPMENT TOOLS & TECHNOLOGIES	51
4.1 User Interface Technologies	51
4.2 Implementation Technologies	51
4.3 Platform & Environment	51
CHAPTER 05	53
SYSTEM TESTING	53
5.1 Introduction	53
5.2 Test Plan Strategy	53
5.3 Test Case	54
CHAPTER 06	61
USER MANUAL	61
6.1 User Manual	61
For User	61
For Service providers	68
For Admin	73
CHAPTER 07	77
PROJECT CONCULATION	77
7.1 GitHub Link	77
7.2 Boundaries	77
7.3 Obstacle & Successes	77
7.4 Future Work	77
7.5 Conclusion	77
REFERENCES	78
Plagiarism Result	79

List of Table

Table 5.3.1 Test Case 1	54
Table 5.3.2 Test Case 2	54
Table 5.3.3 Test Case 3	55
Table 5.3.4 Test Case 4	56
Table 5.3.5 Test Case 5	56
Table 5.3.6 Test Case 6	57
Table 5.3.7 Test Case 7	58
Table 5.3.8 Test Case 8	58
Table 5.3.9 Test Case 9	59
Table 5.3.10 Test Case 10	59
Table 5.3.11 Test Case 11	60

List of Figures

Figure 1.3.1.1 Agile Model	3
Figure 1.3.1.2 Gantt Chart	4
Figure 3.1.1 Use Case	10
Figure 3.2.1.1 User login	23
Figure 3.2.1.2 User Registration	24
Figure 3.2.1.3 User Search from categories	25
Figure 3.2.1.4 User check service available or not	25
Figure 3.2.1.5 User request for booking service	26
Figure 3.2.1.6 User can check present status	27
Figure 3.2.2.1 Service Provider logging	28
Figure 3.2.2.2 create new service post	29
Figure 3.2.2.3 Service Provider manage profile info	29
Figure 3.2.2.4 Mange posted services	30

Figure 3.2.2.5 Create new blog post	30
Figure 3.2.2.6 Manage blog post	31
Figure 3.2.2.7 Show approved service details and status	31
Figure 3.2.3.1 Admin Login	32
Figure 3.2.3.2 Admin add cateogry	33
Figure 3.2.3.3 Admin manage category	33
Figure 3.2.3.4 Admin collect new order	34
Figure 3.2.3.5 Admin manage profile	34
Figure 3.2.3.6 Admin update order status	35
Figure 3.2.3.7 Admin can remove all post	36
Figure 3.2.3.8 Admin get registerd user info	36
Figure 3.2.3.9 Admin mamged all booked order	37
Figure 3.3.1.1 The User login	38
Figure 3.3.1.2 User register	39
Figure 3.3.1.3 User booking service and check current status	40
Figure 3.3.1.4 User Reviews on blog post with feedback	41
Figure 3.3.2.1 Service provider add and manage services post	42
Figure 3.3.2.2 Service provider manage posted blogs	43
Figure 3.3.2.3 Service provider check approved order details	44
Fig 3.3.3.1 Admin Login	45
Fig 3.3.3.2 Admin add and manage category	46
Fig 3.3.3.3 Admin handle orders and give status	47
Fig 3.3.3.4 Admin collect and manage user blog post reviews	48
Figure 3.4. Class Diagram	49
Figure 3.5. ERD Diagram	50
Figure 6.1.1.1 User home page	61
Figure 6.1.2.1 Login Page	62
Figure 6.1.3.1 Register Page	62
Figure 6.1.4.1 User main cateogry and post	63
Figure 6.1.5.1 User have to choose from sub-category	63
Figure 6.1.6.1 User view organization list	64

Figure 6.1.7.1 User found service details	64
Figure 6.1.8.1 User get blog post details	65
Figure 6.1.9.1 User reviews on blog post	66
Figure 6.1.10.1 User urgent contact form	67
Figure 6.1.11.1 User check ordered service status	67
Figure 6.2.1.1 Service providers login	68
Figure 6.2.2.1 Service providers dashboard	68
Figure 6.2.3.1 Profile information	69
Figure 6.2.3.2 Update Profile	69
Figure 6.2.4.1 Add new service	70
Figure 6.2.5.1 view services post	70
Figure 6.2.6.1 Update services post	71
Figure 6.2.7.1 Add blog post	71
Figure 6.2.8.1 Blogs post approval	72
Figure 6.2.8.2 Update blogs with details	72
Figure 6.3.1.1 Admin login	73
Figure 6.3.2.1 Admin dashboard	73
Figure 6.3.3.1 Admin Add category	74
Figure 6.3.4.1 Manage Category	74
Figure 6.3.5.1 Booking order details and status	75
Figure 6.3.6.1 Admin remove all services post	75
Figure 6.3.7.1 Admin Manage profile	76
Figure 6.3.8.1 Admin manage users review	76

CHAPTER 01

INTRODUCTION

1.1 Project Overview

Nowadays our daily life is going on digital technology dependability. But some issues that we faced every day of life still not be solved. When our daily life needed accessories as like our home electricity line, parts, instrument are ruined as like as like also such as air conditioner, refrigerator, stove and oven, home change or office change time, car or bike problem all kinds of service category are together and the professional service provider who already experienced well about on this service provide their specific service. All service provider will have to choose their specific service and providing their proper document for validation. This project will create a platform of three stakeholder all sight win situation business relationship.

This project specially makes about think of Dhaka city living people they have to move new place and every time they have to find nearest electrical shop, transport etc. when they have to need or faced these kinds of trouble. So, we came up with a solution called "Smart Service Provider" to address this sort of stereotype problem. this project is well arranged and people can easily find or search as their needed service easily from anywhere and get service at their home. one sight can handle the whole system management and all functionality are user friendly.so don't need to trained any user before used the system. Service provider will provide service when customer want the service. The get updated status through their using sight. This project has blog posting system and reviewing on the post where user can review service providers blog post. User can send urgent message to admin for their any need through contact form. So, after all this project will be come with service providing business platform also and blessed for Dhaka city people.

1.2 Project Purpose

1.2.1 Background

Smart service Providers is a unique idea for solve daily life problem of Dhaka city people and also make a business platform for our socially Scatter service provider in one place. It's will be helpful by saving time and money also. People when need any kind of these service they can easily find out and get home service and solve their general problem.

1.2.2 Benefits and Beneficiaries

Benefits:

- User can get their urgent needed services.
- User Booked a slot with date and time when they need services.
- Get service provider latest post with proper service category.
- Every Main category of service have several sub-categories.
- The Main services category are
 - Electrician
 - Air-conditioner
 - Home change
 - Stove or Oven
 - Car and Bike
- Find the user experienced through blog post and can review their post also.
- Create a three-stockholder business platform.
- Easily get urgent need service from at home.
- When change home or office user get urgent vehicle or labor.
- User can send urgent message to system controller.

Beneficiaries:

- Admin
- Service providers
- User

1.2.3 Goals

- Digitally get service.
- Time and cost savings.
- Create a business platform
- Do some for general people.
- So that every user can be benefited.
- Reduce old traditional way to provide service as like wall-poster, Miking etc.

1.3 Proposed System Model

A graphical description of a system development is a software process model. This Model depicts a process from a unique viewpoint.

1.3.1 Agile-Model

This proposed methodology model is an agile model, which is a software development framework that is gradual. Functional departments are in charge of engineering tasks. The concept "agile" in software development refers to the ability to changes from requirements in needs, technologies, and individuals.

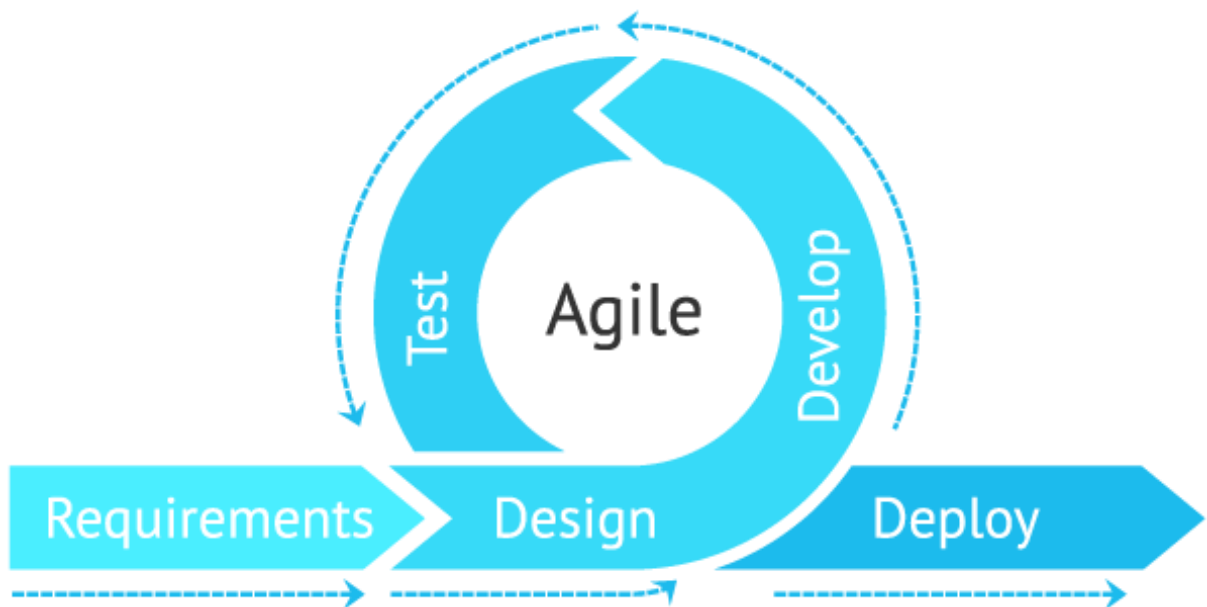


Figure 1.3.1.1 Agile Model

1.3.2 Gantt Chart

Activities		W	W	W	W	W	W	W	W	W	W	W	W	W	W	W
Planning	ideas															
	Problem definition															
	Proposal planning															
Requirements	Requirement specification															
	Requirement analysis															
QA -1	Quality assurance															
System Design	Design specification															
	Interface design															
	Database design															
Development	Development system modules															
	Integrate system															
QA -2	Test Cases															
Testing	Black box testing															
Resolve Issues	Resolve issues found															
Release	Software release															

Figure 1.3.1.2 Agile Model

CHAPTER 02

SOFTWARE REQUIREMENT SPECIFICATION

2.1 Functional Requirements

For User:

RQ ID	RQ Name	Description	RQ Type	Priority
FC.U.RQ.1	Login	User can login using their registered email and password.	Functional	High
FC.U.RQ.2	Register	User have to provide name, email, password for registration	Functional	High
FC.U.RQ.3	Get needed service category	User have to select services category for get a service.	Functional	High
FC.U.RQ.4	Found details Services post	Services post are containing providers details on above category with booking option.	Functional	High
FC.U.RQ.5	Check service time available or not	Users can not book a service on same date and time which slot already booked.	Functional	High
FC.U.RQ.6	Order for booking services	User can book a service by providing only some validate information.	Functional	High
FC.U.RQ.7	Blog post	User find service-provider working experience details by this	Functional	High
FC.U.RQ.8	Review on blog post	User can review service providers blog post.	Functional	Mid
FC.U.RQ.9	Contact to management	User can send urgent message to admin or management for any query.	Functional	Mid
FC.U.RQ.10	Get ordered service details	After order or booking a service user can find out all information about on their booked service.	Functional	High
FC.U.RQ.11	Service Status	User can check is ordered service still pending or accepted.	Functional	High

For Service-Providers:

RQ ID	RQ Name	Description	RQ Type	Priority
FC.SP.RQ.1	Login	Service provider login by their registered email and password.	Functional	High
FC. SP.RQ.2	Register	Service provider registered by on specific service category that they already experienced.	Functional	High
FC. SP.RQ.3	Post on services sub-category	Registered Category have sub-category, by which they can post for providing services.	Functional	High
FC. SP.RQ.4	Create new service post	service providers can post on their registered services category for get booking order.	Functional	High
FC. SP.RQ.5	Organized posted service details	Update the service details any time as their requirement and also can be removed.	Functional	High
FC. SP.RQ.6	Profile manages	After registration they should have update their profile information with profile picture.	Functional	High
FC. SP.RQ.7	Add new blog post	Everyone can share their working experience through these blog post	Functional	Mid
FC. SP.RQ.8	Manage blog post	Can update their all blog posted details and delete also.	Functional	Mid
FC. SP.RQ.9	Get approved service with status	Ordered service status will be shown after approved.	Functional	High

For Admin:

RQ ID	RQ Name	Description	RQ Type	Priority
FC.SP.RQ.1	Login	Admin have only login functionality. Login by email and password.	Functional	High
FC. SP.RQ.2	New registered servicers details.	From dashboard admin will get all details of new service providers.	Functional	High
FC. SP.RQ.3	Add Category and sub-category	Admin can add new categories and also sub-category as requirement.	Functional	High
FC. SP.RQ.4	Manage all category	Can edit categories information and also have remove option.	Functional	High
FC. SP.RQ.5	Get new order	Admin will be notified from his dashboard about new order.	Functional	High
FC. SP.RQ.6	Action booked orders	Admin have only access to approved or reject orders.	Functional	High
FC. SP.RQ.7	Services post	Get details of services post and ability to delete the post.	Functional	High
FC. SP.RQ.8	Pending blog post approved	After verify blog post details the blog post will be live and user can view the post.	Functional	High
FC. SP.RQ.9	Remove blog post	After approved blog post admin can also delete that blog post.	Functional	High
FC. SP.RQ.10	Handle user reviews	Admin have access to remove the users blog post reviews.	Functional	Mid
FC. SP.RQ.11	Profile manages	Admin can update profile information with profile picture.	Functional	Mid
FC. SP.RQ.12	Mange urgent message	Admin will get message details and users details and take action	Functional	Mid

2.2 Non-Functional Requirements

2.2.1 Performance Requirement:

2.2.1.1 Accuracy or Precision requirement

- After logging in successfully, the user can see the correct result.
- All issue and service data should be stored in a database with correct and relevant facts.
- For a specific user, a particular category and bookings order will be viewed.
- Only registered service providers can make changes to their post and stay updated.
- All users are able to know about service present status.

2.2.1.2 Requirements for Speed and Latency

- The data will be inserted into the phpMyAdmin MySQL database in a matter of seconds.
- Database queries will react quickly and have results in a couple of seconds.
- The system user interface can launch in less than 5 seconds. However, it is dependent on the user's computer and internet connection speed.

2.2.1.3 Requirements for Capacity

- A total of 100 or more users will be logged in at the same time.
- The number of users is unlimited.

2.2.2 Dependability Requirements

2.2.2.1 Reliability requirements:

- The user registration process can create a new user account and update the database with the provided details.
- Since entering the scheme, the user must have complete profile
- Only reliable data can be used to gain access to the device.
- If a user forgets their password, he or she will create a new one.
- When a new user first logs in, they must check their email address.
- Service providers has the ability to make changes to their services post and blog posted records.
- A web browser can be used to run this framework.
- When a user requests something, this machine can do so right away.
- This system's architecture is intuitive, making it suitable for use on any platform.

2.2.3 Maintainability and Supportability Requirements

2.2.3.1 Maintenance requirements

- If the configuration climate modifications, make changes to the method.
- When the system is infected, fix the bug.
- Mistakes in data entered by the user should be resolved.

2.2.3.2 Supportability requirements

- Provide user manual
- For user better experience, provide FAQ.

2.2.4 Security Requirements

2.2.4.1 Access requirements

- Only registered email and password verify users can login the system.
- Only admin can approve or reject service booking orders.
- The guard system is verifying the email id and password.
- Admin can access all functionality.

2.2.5 Useability with Human-Interaction Requirements

2.2.5.1 Ease use of requirements

- The user interface for the system is more user-friendly.
- The user manual is not complicated and the profile is kept up to date.

2.2.5.2 Understandability and Politeness

- Every kind of consumer should be eligible to use the system.
- The application can also be operated by non-technical users.

2.2.5.3 Accessibility requirements

- The system should be accessible from a variety of devices, including laptops, tablets, and smartphones.
- Within a second, the user should be able to enter their account.

2.2.6 Legal Requirements

2.2.5.1 Ease use of requirements

- Users have to use their given Id and password to log into their systems.
- Service provider have to professional experience paper to provide service added on profile.

CHAPTER 03

SYSTEM ANALYSIS

3.1 Use Case

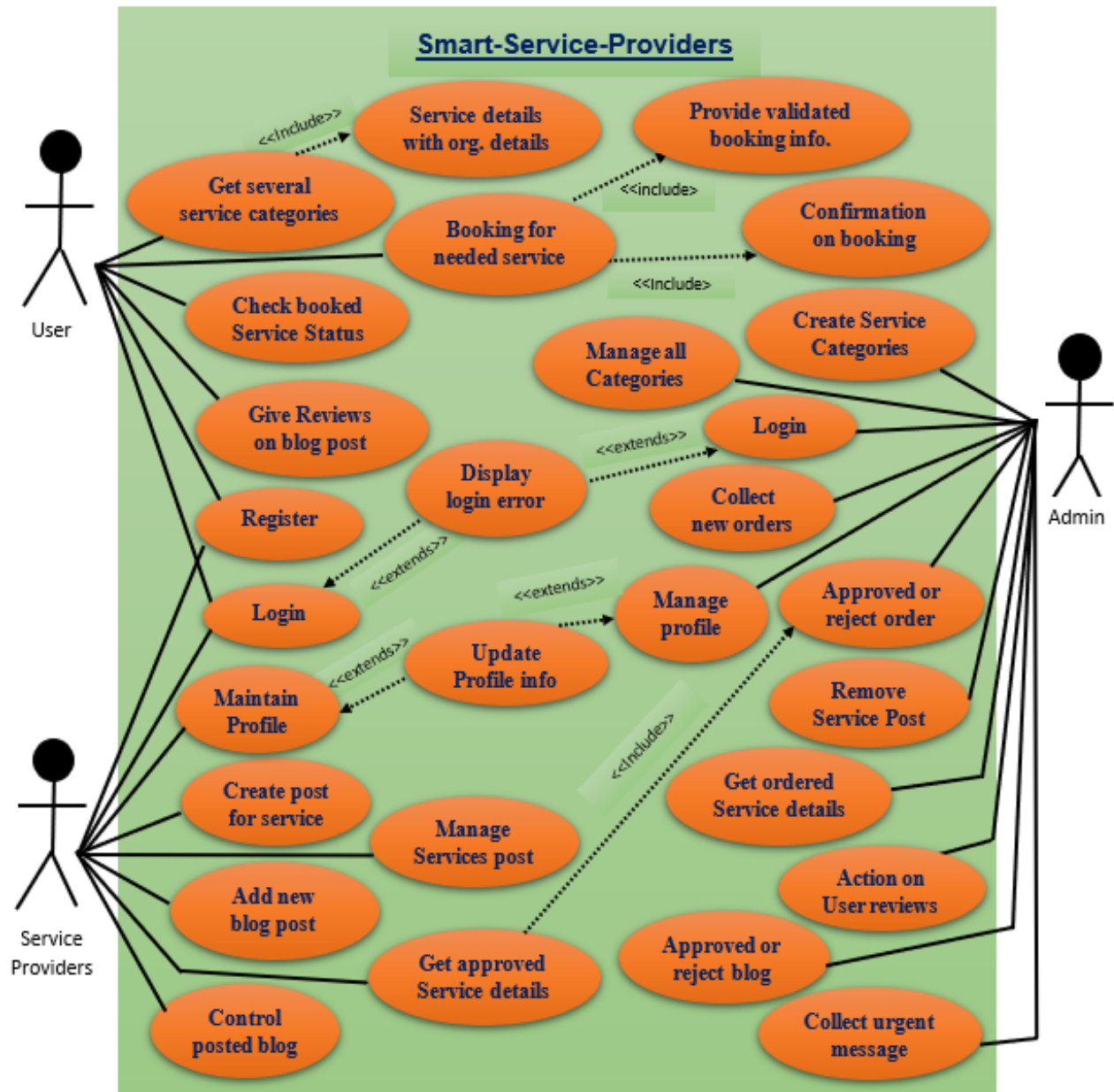


Figure:3.1.1 Use case

3.1.1 Use case Description for User

Use case name	Login	
Scenario	User login in to the system	
Actor	User (General user or customer)	
Brief description	User should login by their registered valid email address	
Pre-condition	Must be use valid email and password	
Post-condition	Users get access for all functionality	
Flow of activities	User	System
	<ul style="list-style-type: none"> • Provide valid email and password 	<ul style="list-style-type: none"> • Confirm valid email address. • Confirm valid password • Give access to the system
Exception condition	Able to performed and give permission for access to the account	

Use case name	Registration	
Scenario	User provide validate email and set password	
Actor	User, Service provider	
Brief description	User should register by using their name validated email address.	
Pre-condition	Must be valid email and registration type.	
Post-condition	User will be eligible for login in the system	
Flow of activities	User, Service provider	System
	<ul style="list-style-type: none"> • Must fill-up require field. • Very email address. 	<ul style="list-style-type: none"> • Register user with validation • Provide access and collect information.
Exception condition	Returned error message until create an account with validation	

Use case name	Search from service category	
Scenario	User will get different types of services categories	
Actor	User	
Brief description	User can find out their needed service category with sub-category	
Pre-condition	Select needed service from category	
Post-condition	Get details of services and organizations list	
Flow of activities	User	System
	<ul style="list-style-type: none"> • Select specific categories • Sub-category identifies 	<ul style="list-style-type: none"> • Fetch data from categories and sub-categories • Provide service and service providers details
Exception condition	Find services data from specific service categories	

Use case name	Find service and organization details	
Scenario	User identify their required service and get all details	
Actor	User	
Brief description	When user find their required service, they will get services post details and service providers details	
Pre-condition	Choose a specific service	
Post-condition	Provide functionality for booking the service	
Flow of activities	User	System
	<ul style="list-style-type: none"> • Choose services post and organization for get the service 	<ul style="list-style-type: none"> • Provide services post data • Created date and all service details have arranged together
Exception condition	If not found get another services post for booking with same category	

Use case name	Booking for needed service	
Scenario	Provide all validated info and request for booking a service	
Actor	User	
Brief description	User can book a service as their needed with proper validation	
Pre-condition	User should have logged in for apply	
Post-condition	Checking result service available service or not	
Flow of activities	User	System
	<ul style="list-style-type: none"> • Should be register • Provide validated information 	<ul style="list-style-type: none"> • Check and validation apply on provided service • Replay success booking or already booked
Exception condition	Another date or time will be eligible for get the service	

Use case name	Check booked service status	
Scenario	User can find their already service booked list with status	
Actor	User	
Brief description	Check their booked service still pending or approved with details	
Pre-condition	Should logged into their account	
Post-condition	Updated status will be shown	
Flow of activities	User	System
	<ul style="list-style-type: none"> • Have to logged in • Select find status 	<ul style="list-style-type: none"> • Fetch data from user booking • Show current status of approval
Exception condition	Already booked service list will be with approval status	

Use case name	Give reviews on blog post
Scenario	Reviews with summary and feedback with others user's review.

Actor	User	
Brief description	User can read blog post of service providers working experienced and give feedback on their post	
Pre-condition	Fill up all field of review box	
Post-condition	Reviews show with others users reviews and save	
Flow of activities	User	System
	<ul style="list-style-type: none"> • Feedback with related post • Have to in logged session 	<ul style="list-style-type: none"> • Form Validation check • Save reviews and show with others reviews
Exception condition	Users feedback if authenticated or only views post.	

3.1.2 Use case Description for Service Providers

Use case name	Login	
Scenario	Service provider logged into the system	
Actor	Service provider	
Brief description	Service providers have different categories types of account and they can access only those sub categories	
Pre-condition	Must use valid email and password	
Post-condition	Go to dashboard and get all update together	
Flow of activities	Service provider	System
	<ul style="list-style-type: none"> • Provide valid registered email address. • Password length should be eight characters 	<ul style="list-style-type: none"> • Check valid email or not • Give access to entered the system
Exception condition	If not valid any information displays the logging error.	

Use case name	Maintain Profile	
Scenario	Maintain profile information with profile picture	
Actor	Service provider	
Brief description	Service provider always should be update with their profile and maintain a profile picture also.	
Pre-condition	Should be registered user	
Post-condition	Set profile picture and check validate information	
Flow of activities	Service provider	System
	<ul style="list-style-type: none"> • Provide all validated information for verification • Set an image for profile picture 	<ul style="list-style-type: none"> • Check validated information • Save profile picture and all information • Update profile
Exception condition	Update with their profile any changes	

Use case name	Create post for service	
Scenario	Post creates with all information for providing service	
Actor	Service provider	
Brief description	User should create post for get order of service booking	
Pre-condition	Fill up all required field	
Post-condition	Added to services post	
Flow of activities	Service provider	System
	<ul style="list-style-type: none"> • Required filled fill-up • Choose specific category for post create 	<ul style="list-style-type: none"> • Show service providers registered category's sub-category
Exception condition	If not filled up all required filled post will be not saved or published	

Use case name	Manage services post	
Scenario	All posted services post will be listed with specific category.	
Actor	Service provider	
Brief description	User can edit or update and also remove their services posted already.	
Pre-condition	Have live on services post	
Post-condition	Take necessary step on action	
Flow of activities	Service provider	System
	<ul style="list-style-type: none"> • Already posted for get order • Maintain all rules 	<ul style="list-style-type: none"> • Fetch data from services post • Access for edit and remove the post
Exception condition	If not posted any service no data will be shown it's specific for user	

Use case name	Get approved service details	
Scenario	Get newly coming service booking order with status	
Actor	Service provider	
Brief description	Service providers get their services post booking order after management verification.	
Pre-condition	Order should be verified by admin	
Post-condition	Get status of the service	
Flow of activities	Service provider	System
	<ul style="list-style-type: none"> • Login into dashboard • Find service details 	<ul style="list-style-type: none"> • Provide status of service • Find out all booking information.
Exception condition	Without approval no booking data will be shown	

Use case name	Add new blog post	
Scenario	Provide all validated information of blog post	
Actor	Service provider	
Brief description	Service providers share experience by blog post.	
Pre-condition	Fill up all required fill	
Post-condition	Get status of the blog post	
Flow of activities	Service provider	System
	<ul style="list-style-type: none"> • Provide all information • Check status 	<ul style="list-style-type: none"> • Validation check for information • Save all data for approval status
Exception condition	Without approval no blog post will be live	

Use case name	Control blog post	
Scenario	service provider maintains their different blog post	
Actor	Service provider	
Brief description	User can edit or update and also remove their approved blog post.	
Pre-condition	Have approved for posted on blog sight	
Post-condition	Take necessary step on action	
Flow of activities	Service provider	System
	<ul style="list-style-type: none"> • Already posted for share experience. • Maintain all rules. 	<ul style="list-style-type: none"> • Fetch data from blog post • Access for edit and remove the post.
Exception condition	If not approved blog no data will be shown it's specific for user.	

3.1.3 Use case Description for Admin:

Use case name	Login	
Scenario	Admin provide valid email and password then login	
Actor	Admin	
Brief description	Admin will have only login functionality and login successfully.	
Pre-condition	Should provide validated information	
Post-condition	Login to admin dashboard	
Flow of activities	Admin	System
	<ul style="list-style-type: none"> • Provide validated email address and password 	<ul style="list-style-type: none"> • Fetch data from admin login • Access for dashboard
Exception condition	If not validated data show the login error something missing.	

Use case name	Add category and subcategory	
Scenario	Admin provide all category information and added.	
Actor	Admin	
Brief description	add category as needed and provide all validate information.	
Pre-condition	Should provide validated information	
Post-condition	Category will be posted several areas	
Flow of activities	Admin	System
	<ul style="list-style-type: none"> • Provide validated information • Add sub category also 	<ul style="list-style-type: none"> • Save data to all user panel. • Access from dashboard
Exception condition	If not validated info data show something missing and not upload	

Use case name	Manage all category	
Scenario	User can view all category and have access for modification	
Actor	Admin	
Brief description	Update category information and also can removed	
Pre-condition	Take action on necessary step	
Post-condition	Category will be posted several areas	
Flow of activities	Admin	System
	<ul style="list-style-type: none"> • Provide validated action • Edit category • Remove category and sub category 	<ul style="list-style-type: none"> • Save data to all category. • Update category and remove data.
Exception condition	Should updated or stay in last position.	

Use case name	Profile manages	
Scenario	Admin manage profile with job title.	
Actor	Admin	
Brief description	Updated by profile information and set profile information	
Pre-condition	Have to logged in	
Post-condition	Update profile information	
Flow of activities	Admin	System
	<ul style="list-style-type: none"> • Provide validated information • Valid email and job title. 	<ul style="list-style-type: none"> • Updated profile information. • Access from dashboard
Exception condition	Stay in last position and with validated information	

Use case name	Get new order	
Scenario	Admin collect all booking orders notification from dashboard.	
Actor	Admin	
Brief description	New order notification comes with user details, booking details service details and service providers details	
Pre-condition	Have to logged in	
Post-condition	Find all information	
Flow of activities	Admin	System
	<ul style="list-style-type: none"> • Service booked notification • Take decision on order 	<ul style="list-style-type: none"> • Listed all details. • Show order by descending orders
Exception condition	Updated always when new order come with collected information	

Use case name	Approved or reject order	
Scenario	Admin take decision approved or reject the order.	
Actor	Admin	
Brief description	Get option after justification nis order will can be approved or not	
Pre-condition	Order coming from user	
Post-condition	Give status on order	
Flow of activities	Admin	System
	<ul style="list-style-type: none"> • Take action after verification • Valid email and job title. 	<ul style="list-style-type: none"> • Updated order information • Save latest on every user site
Exception condition	Order status will be pending or approved position	

Use case name	Remove service and blog post	
Scenario	Admin have access to remove service providers all post.	
Actor	Admin	
Brief description	Any kind of service provider post admin can take action	
Pre-condition	Post will have live on site	
Post-condition	Remove post permanently	
Flow of activities	Admin	System
	<ul style="list-style-type: none"> • Delete post of service and blog post. • Reason for remove post. 	<ul style="list-style-type: none"> • Updated profile information. • Count post from dashboard
Exception condition	Post deleted successfully and show success message	

Use case name	Action on user reviews	
Scenario	Get details and action user reviews.	
Actor	Admin	
Brief description	Get blog post details with user details also	
Pre-condition	Reviewed on blog post	
Post-condition	Remove user reviews	
Flow of activities	User	System
	<ul style="list-style-type: none"> • Remove reviews • Found blog posted details. 	<ul style="list-style-type: none"> • Remove reviews from blog. • Count all reviews and search
Exception condition	Updated blog post reviews portal	

Use case name	Get ordered service details	
Scenario	Admin also get user booked services post and service providers	
Actor	Admin	
Brief description	Admin find all important information of booked service	
Pre-condition	Should have booking on service post	
Post-condition	Service details of post retrieve	
Flow of activities	Admin	System
	<ul style="list-style-type: none"> • Get service post link • View the services post 	<ul style="list-style-type: none"> • Fetch data from services post • Provide all details
Exception condition	If not validated data show the login error something missing.	

Use case name	Collect urgent message	
Scenario	All provided user contacted urgent message will be shown.	
Actor	Admin	
Brief description	Last time of SMS sending will be shown and take action	
Pre-condition	SMS have to listed with time	
Post-condition	Update profile information	
Flow of activities	User	System
	<ul style="list-style-type: none"> • Provide validated information • Valid email and job title. 	<ul style="list-style-type: none"> • Updated profile information. • Access from dashboard
Exception condition	If have no SMS from user no data have to shown	

3.2 Activity Diagram

3.2.1 for User

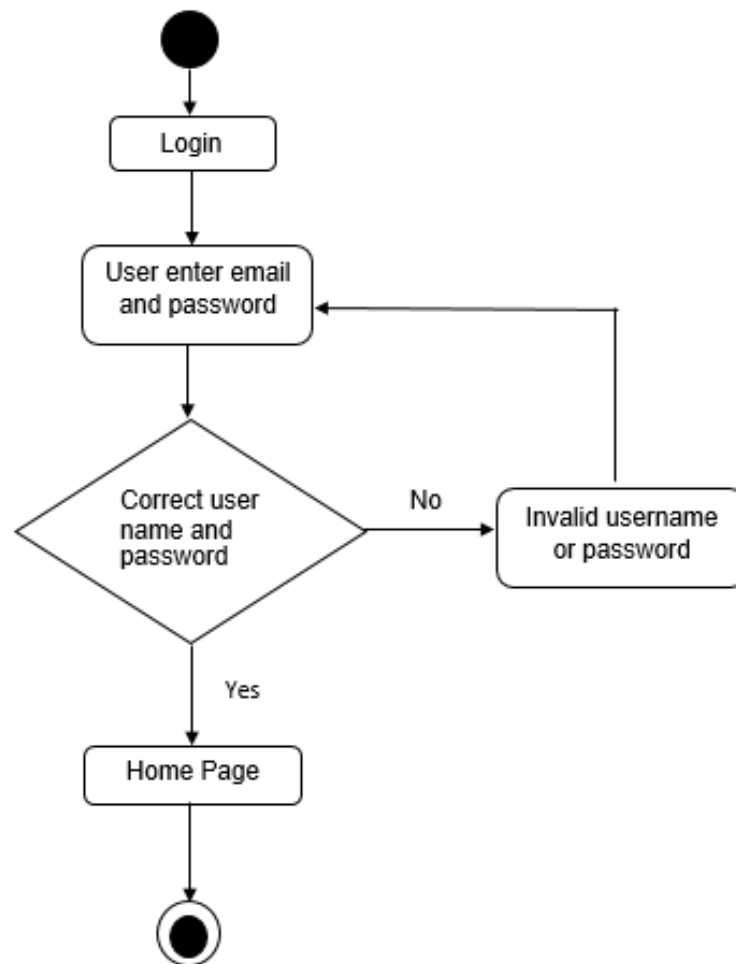


Figure 3.2.1.1 User login

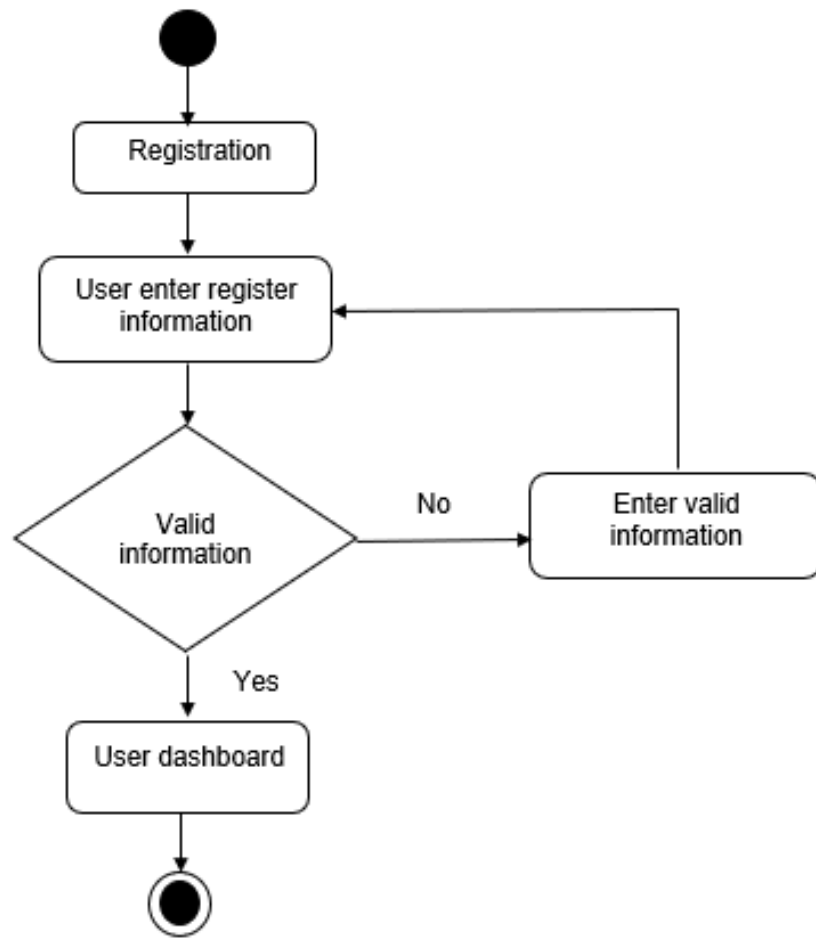


Figure 3.2.1.2 User Registration

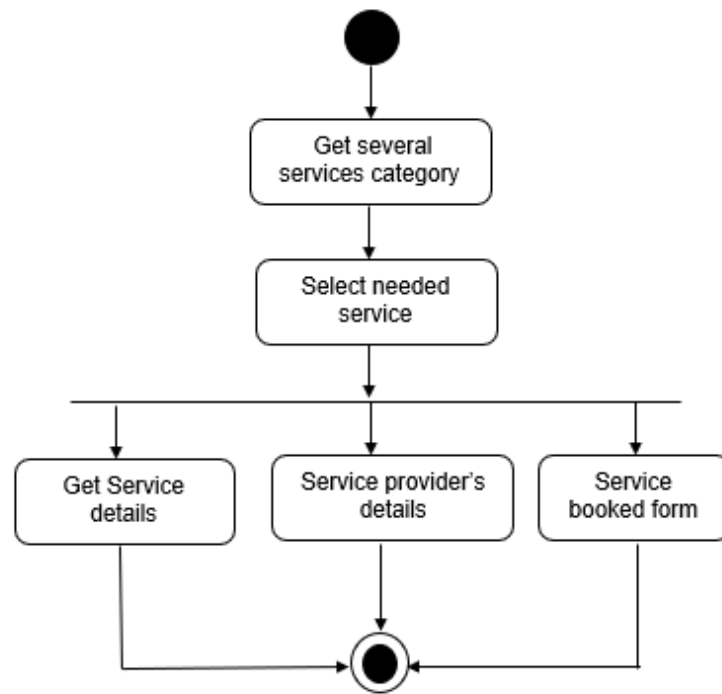


Figure 3.2.1.3 User Search form categories

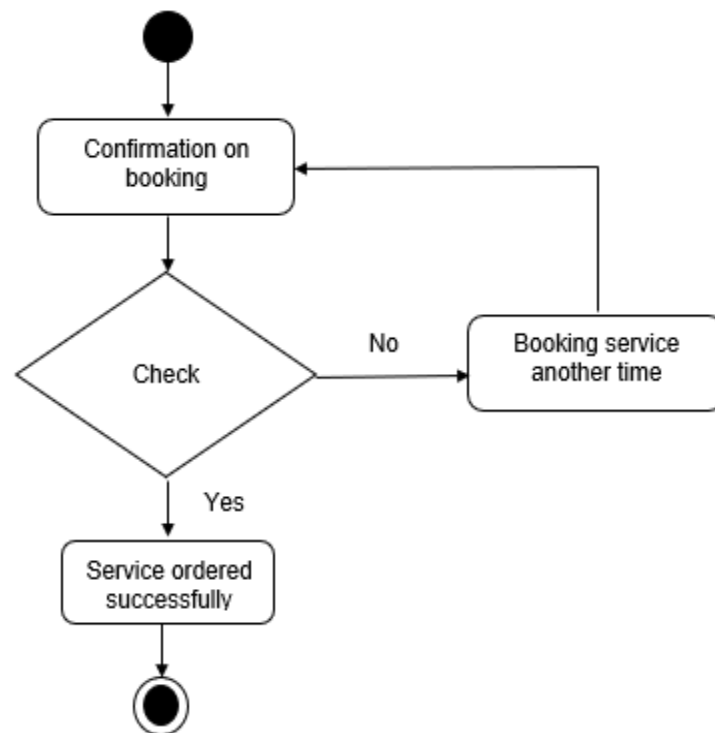


Figure 3.2.1.4 User check service available or not

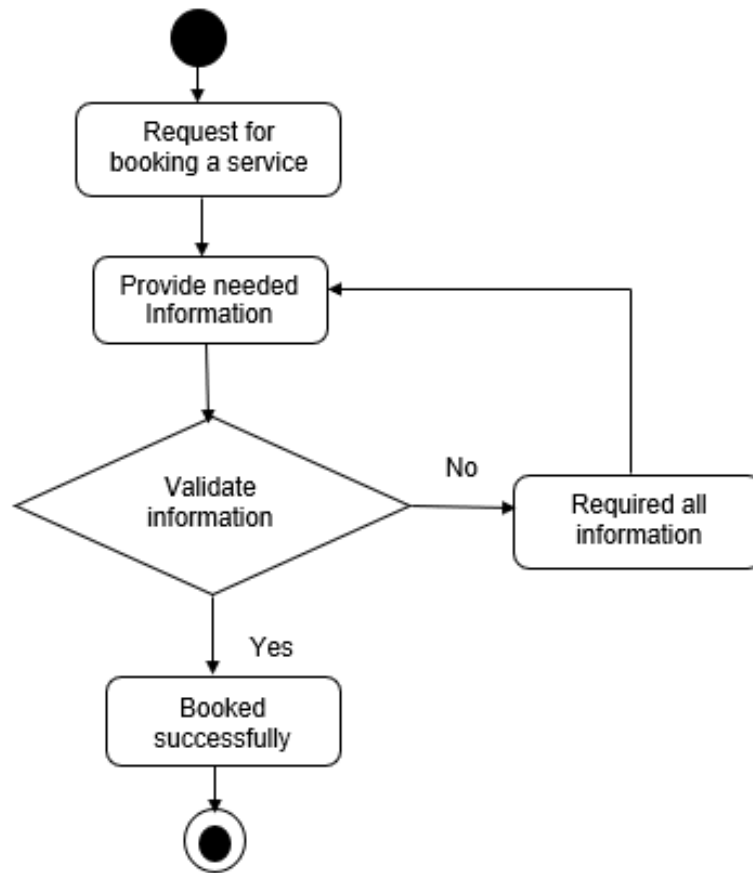


Figure 3.2.1.5 User request for booking service

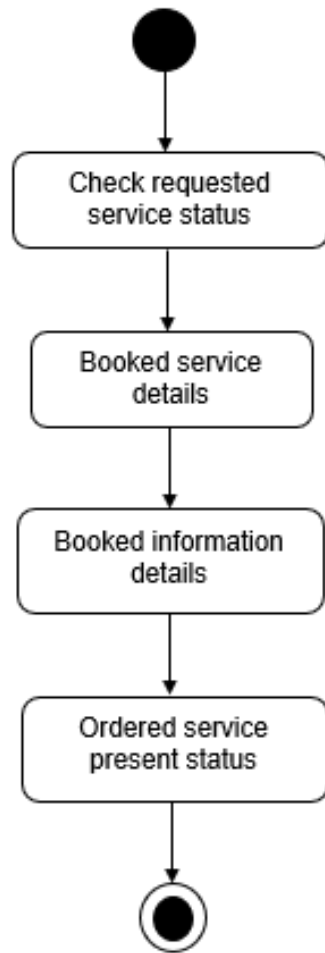


Figure 3.2.1.6 User can check present status

3.2.2 for Service provider

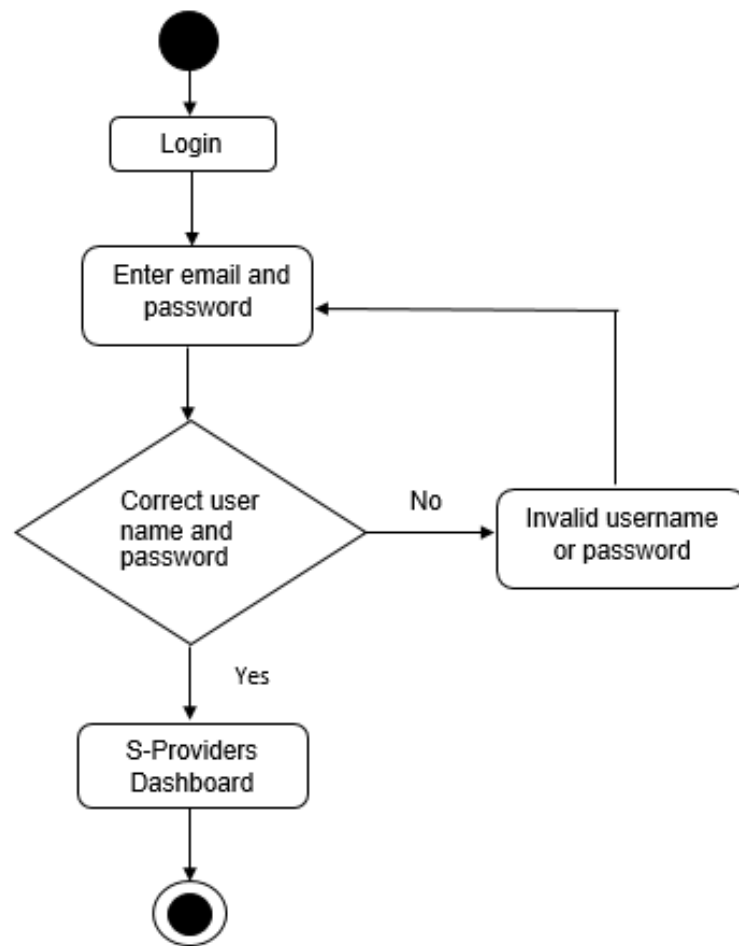


Figure 3.2.2.1 Service Provider logging

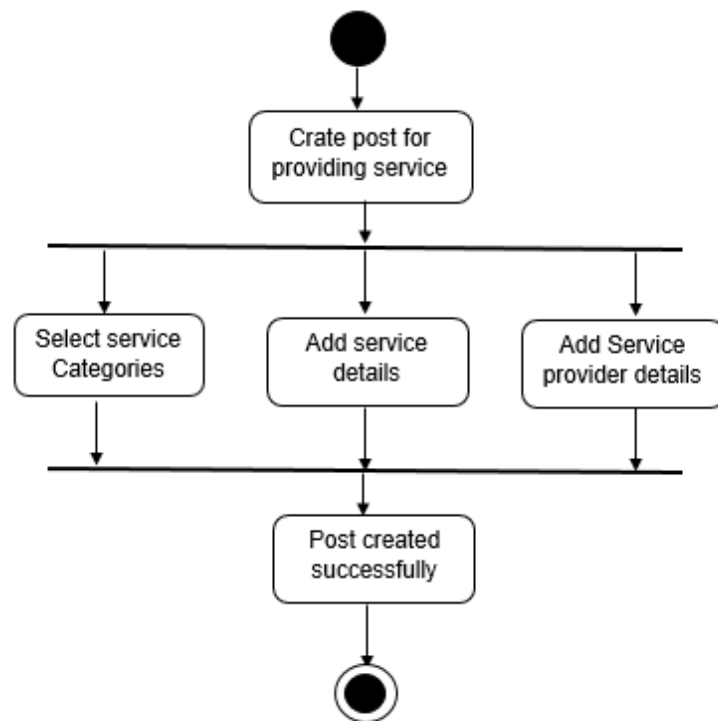


Figure 3.2.2.2 Service Provider create new service post

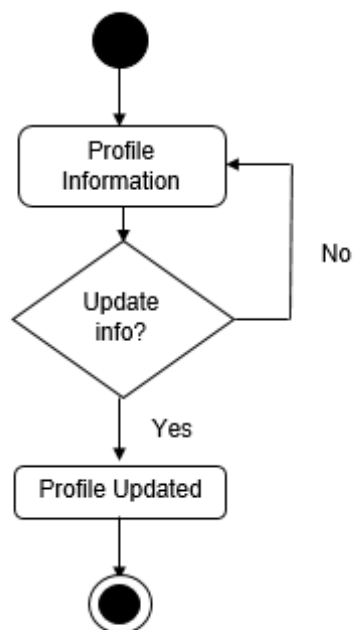


Figure 3.2.2.3 Service Provider manage profile info.

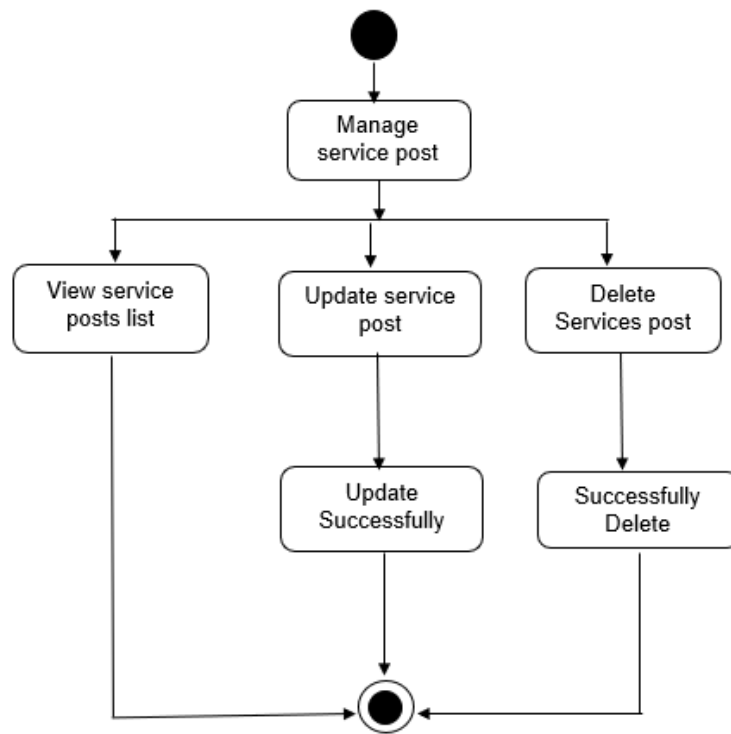


Figure 3.2.2.4 Mange posted services post.

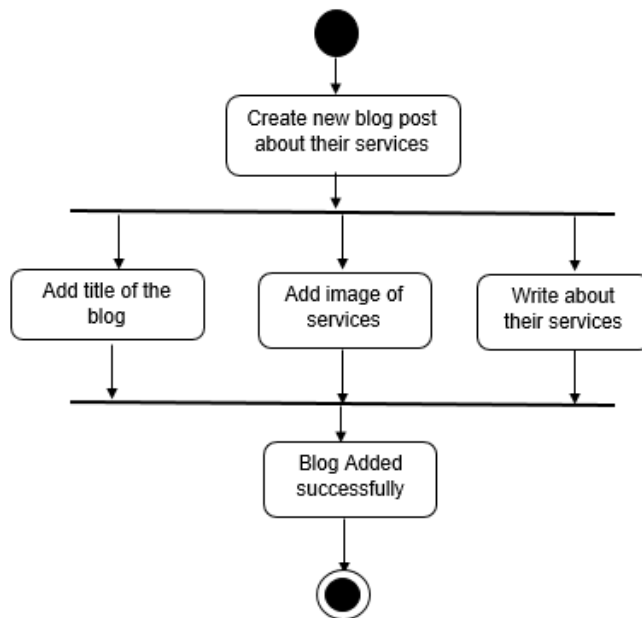


Figure 3.2.2.5 Create new blog post

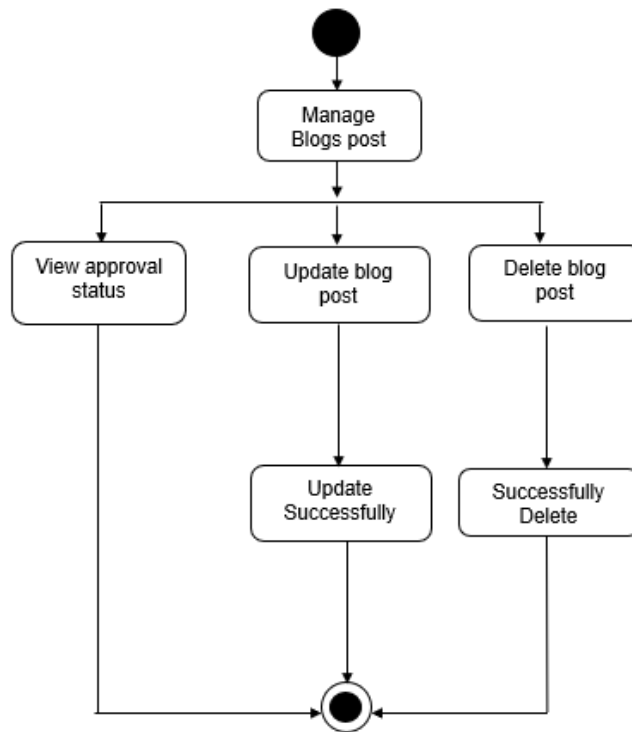


Figure 3.2.2.6 Manage blog post

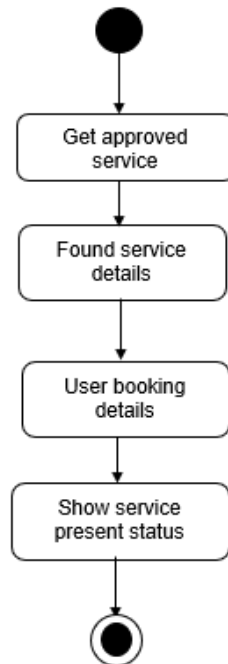


Figure 3.2.2.7 Show approved service details and status

3.2.3 for Admin

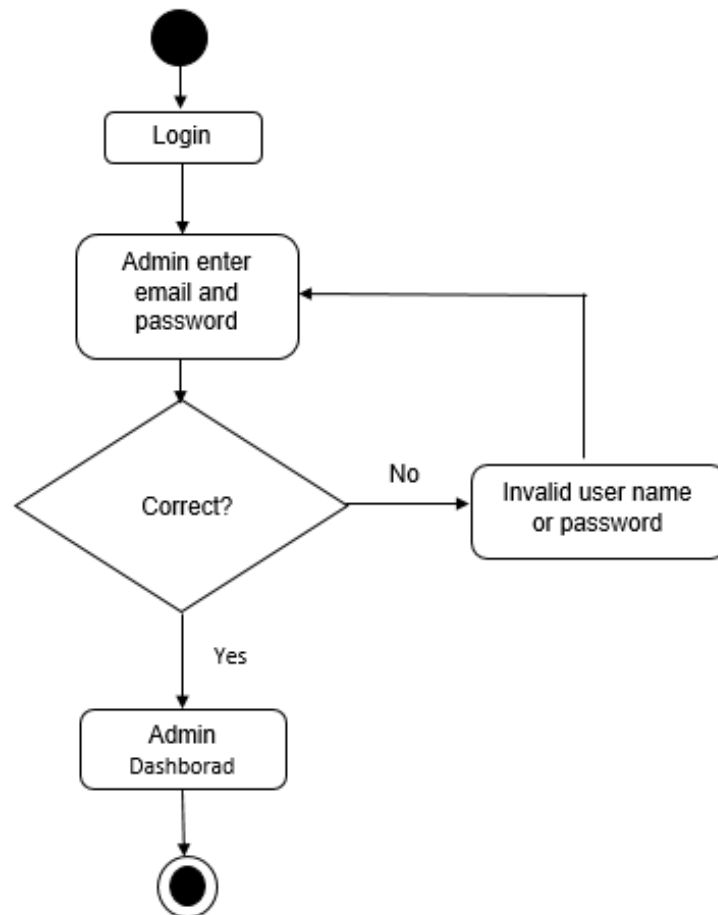


Figure 3.2.3.1 Admin login

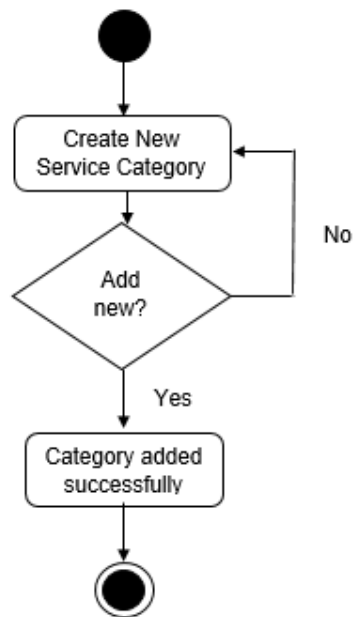


Figure 3.2.3.2 Admin add new category

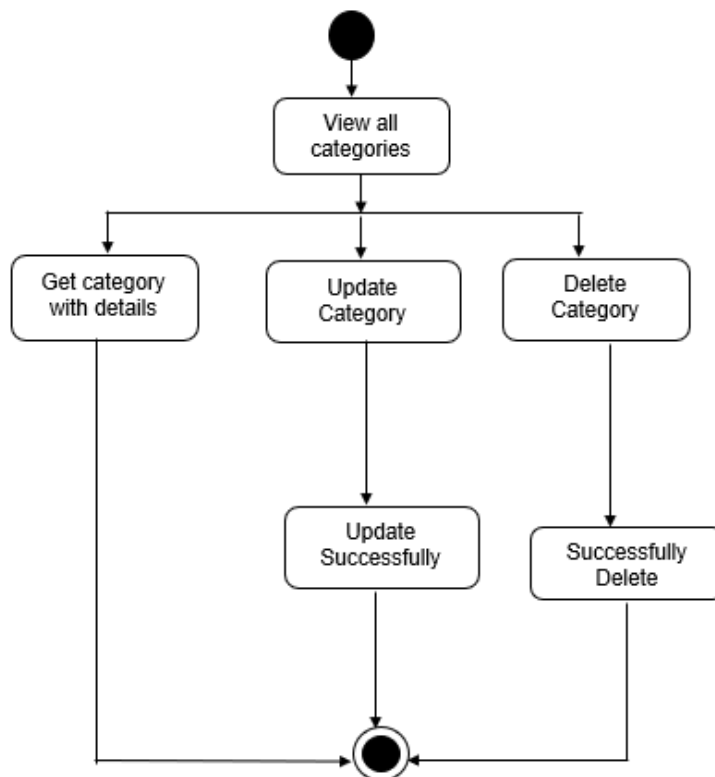


Figure 3.2.3.3 Admin manage category

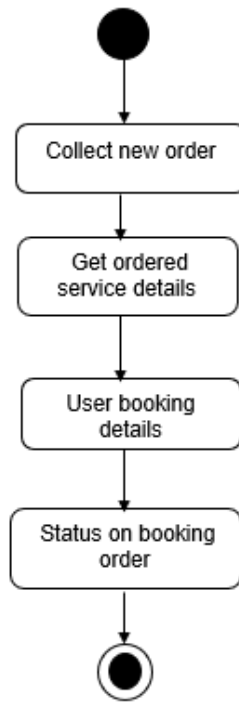


Figure 3.2.3.4 Admin collect new order

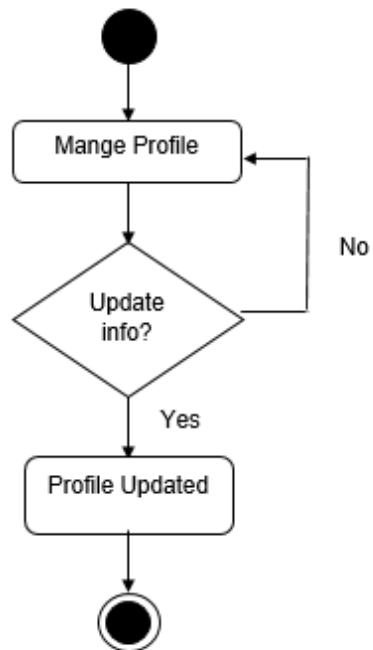


Figure 3.2.3.5 Admin manage profile

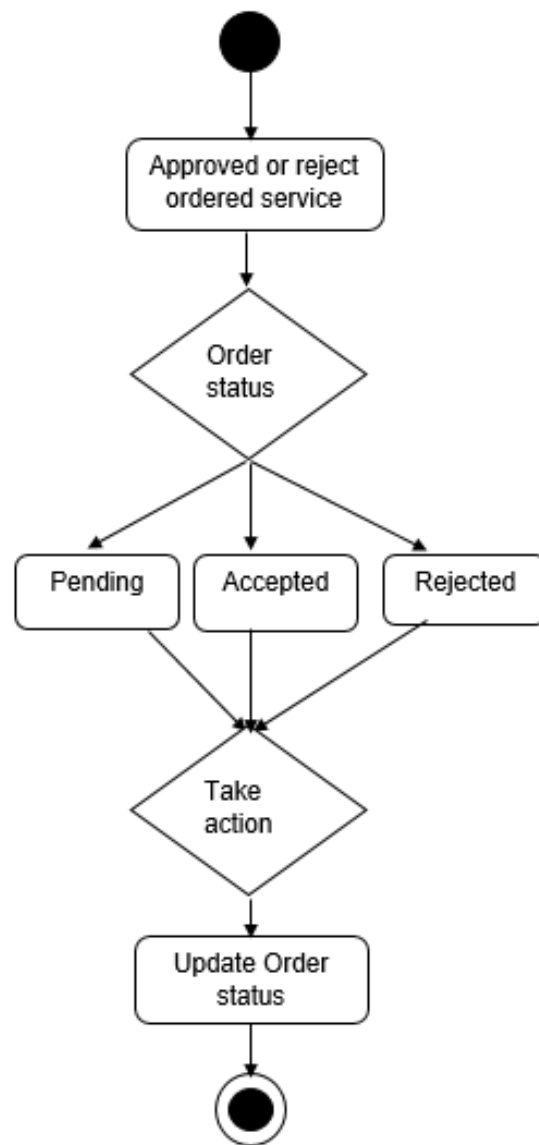


Figure 3.2.3.6 Admin update order status

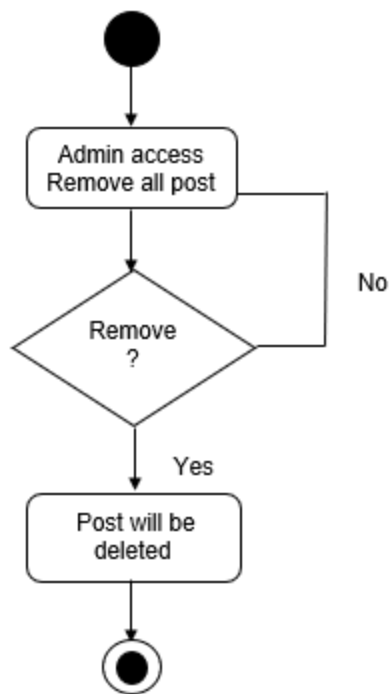


Figure 3.2.3.7 Admin can remove all post

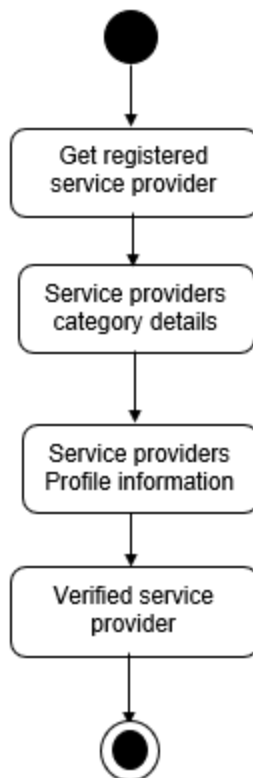


Figure 3.2.3.8 Admin get registered service provider details

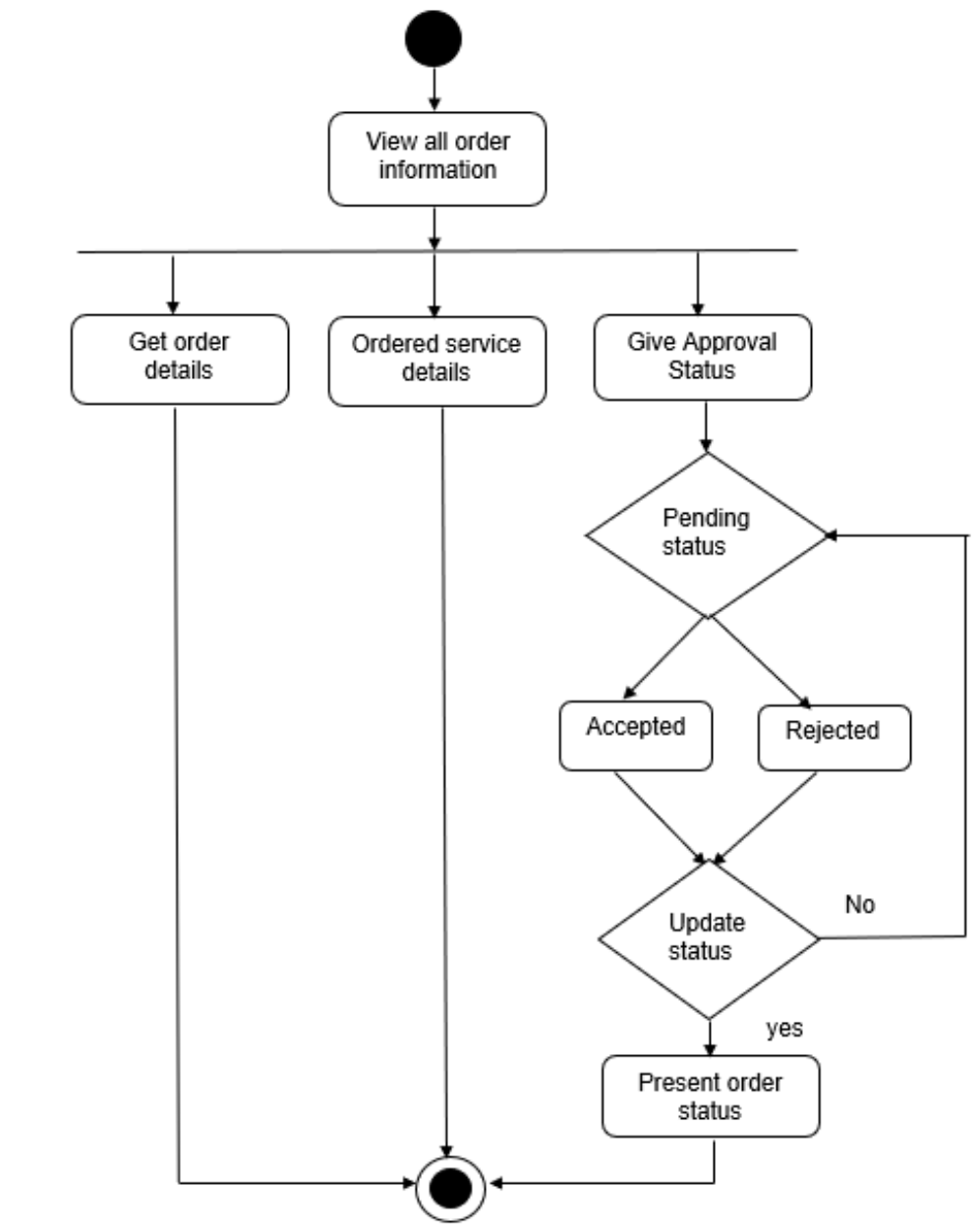


Figure 3.2.3.9 Admin managed all booked orders and details

3.3 Sequence Diagram

3.3.1 For users:

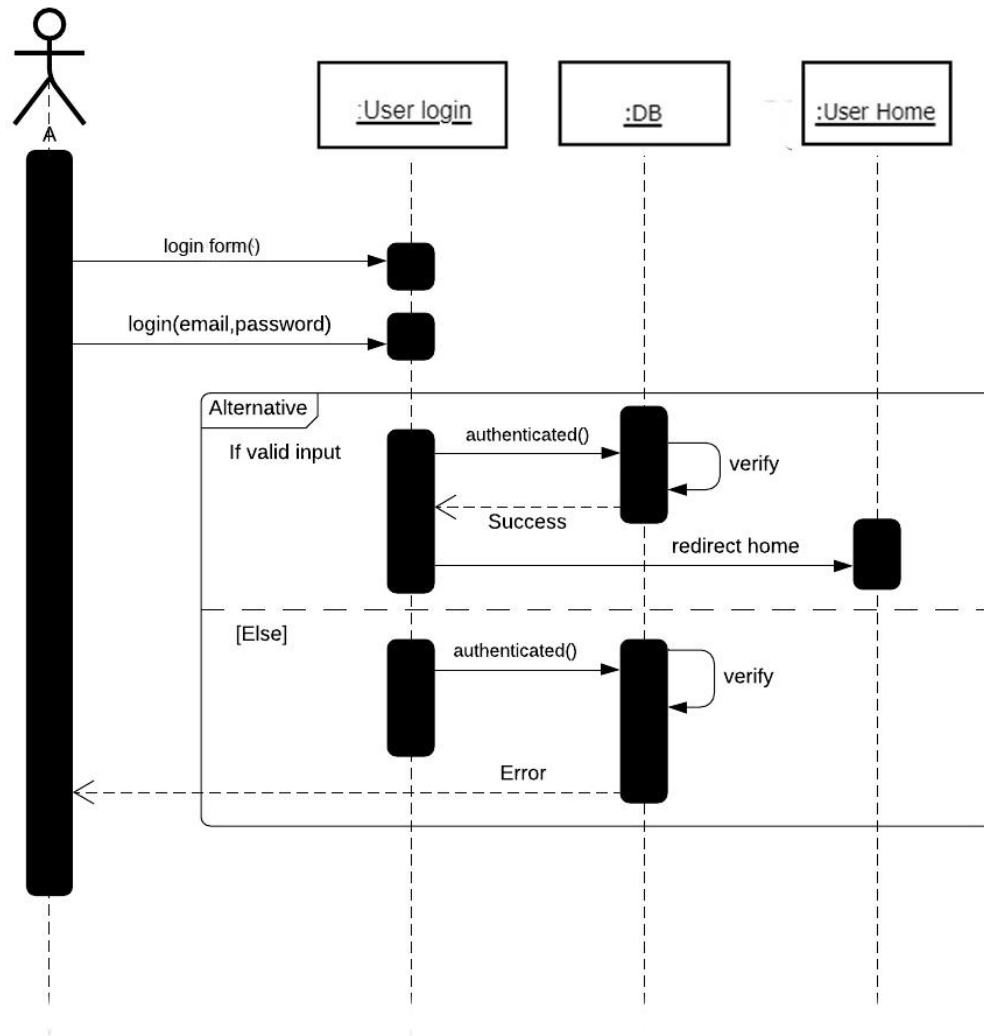


Figure 3.3.1.1 The User login

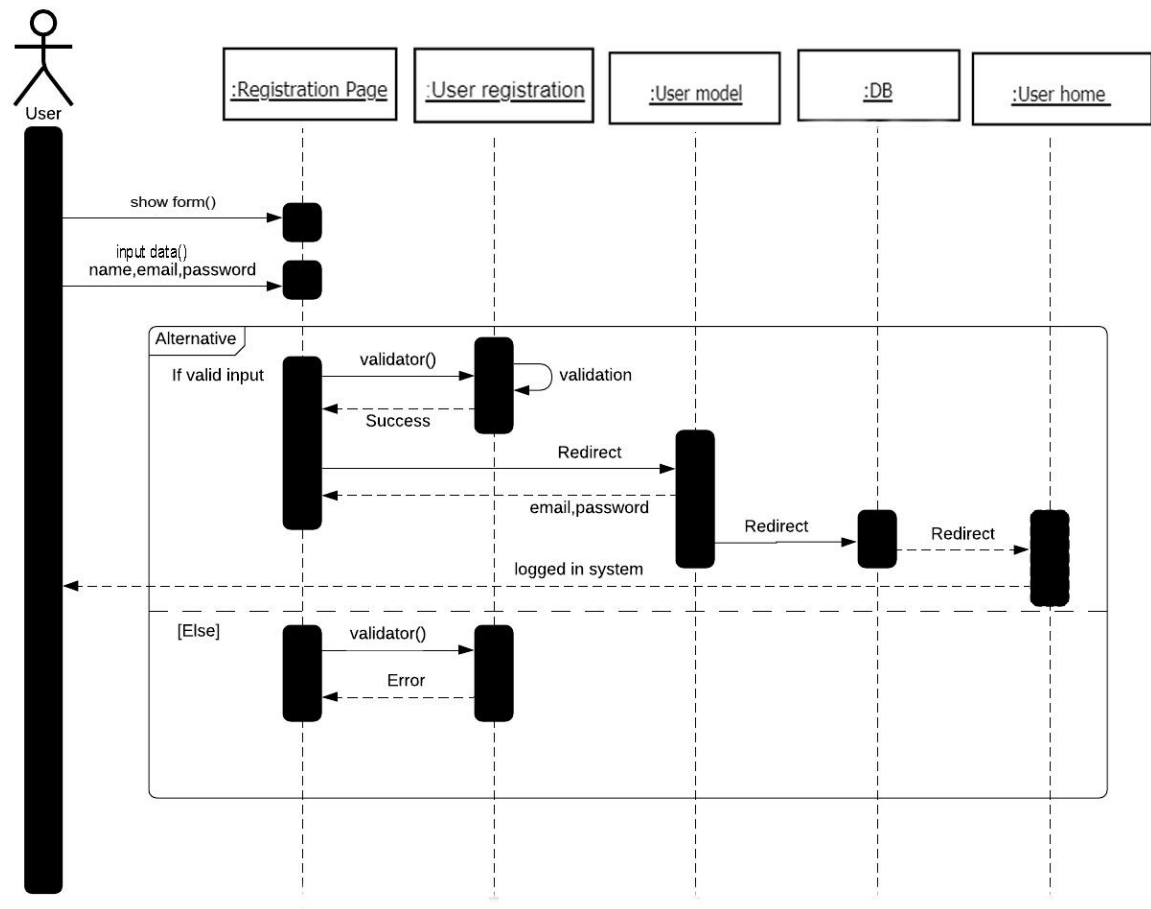


Figure 3.3.1.2 User register

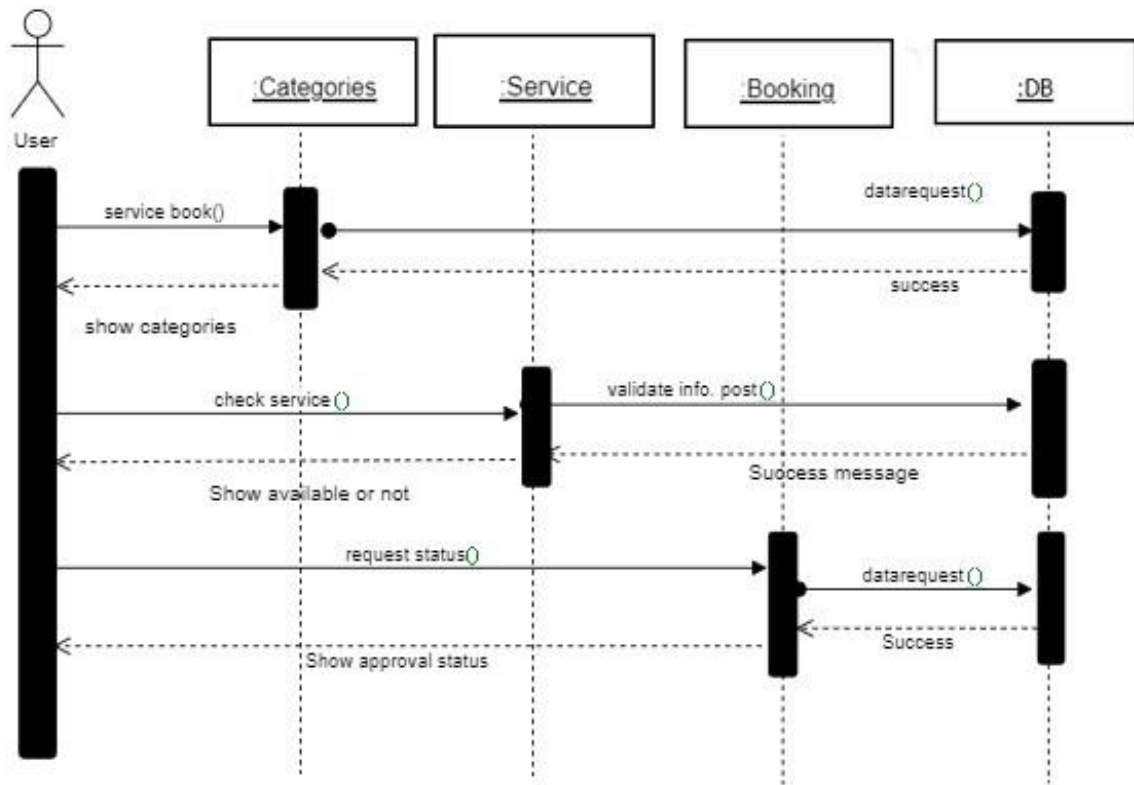


Figure 3.3.1.3 User booking service and check current status.

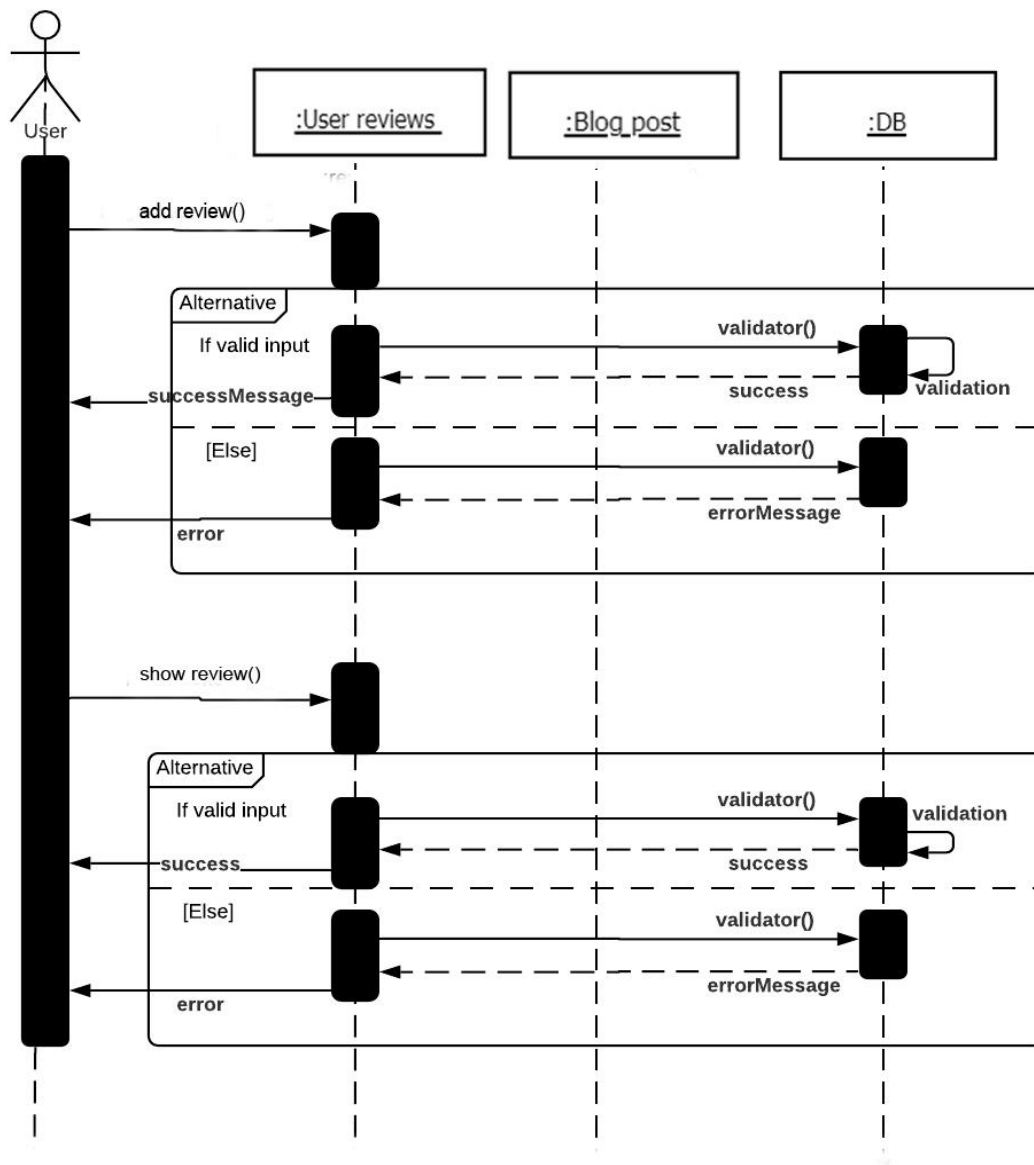


Figure 3.3.1.4 User Reviews on blog post with get feedback

3.3.2 For service provider:

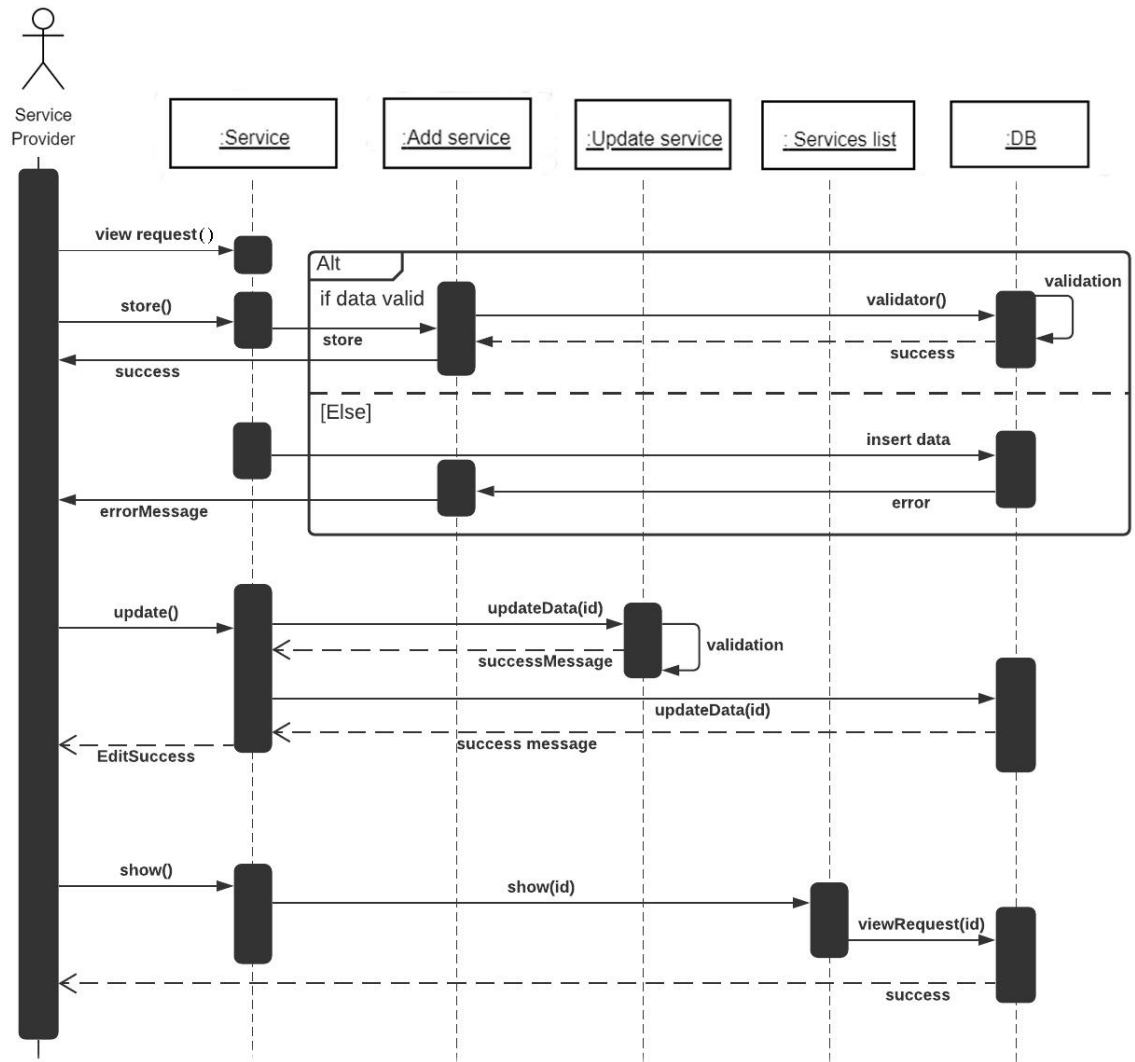


Figure 3.3.2.1 Service provider add and manage services post

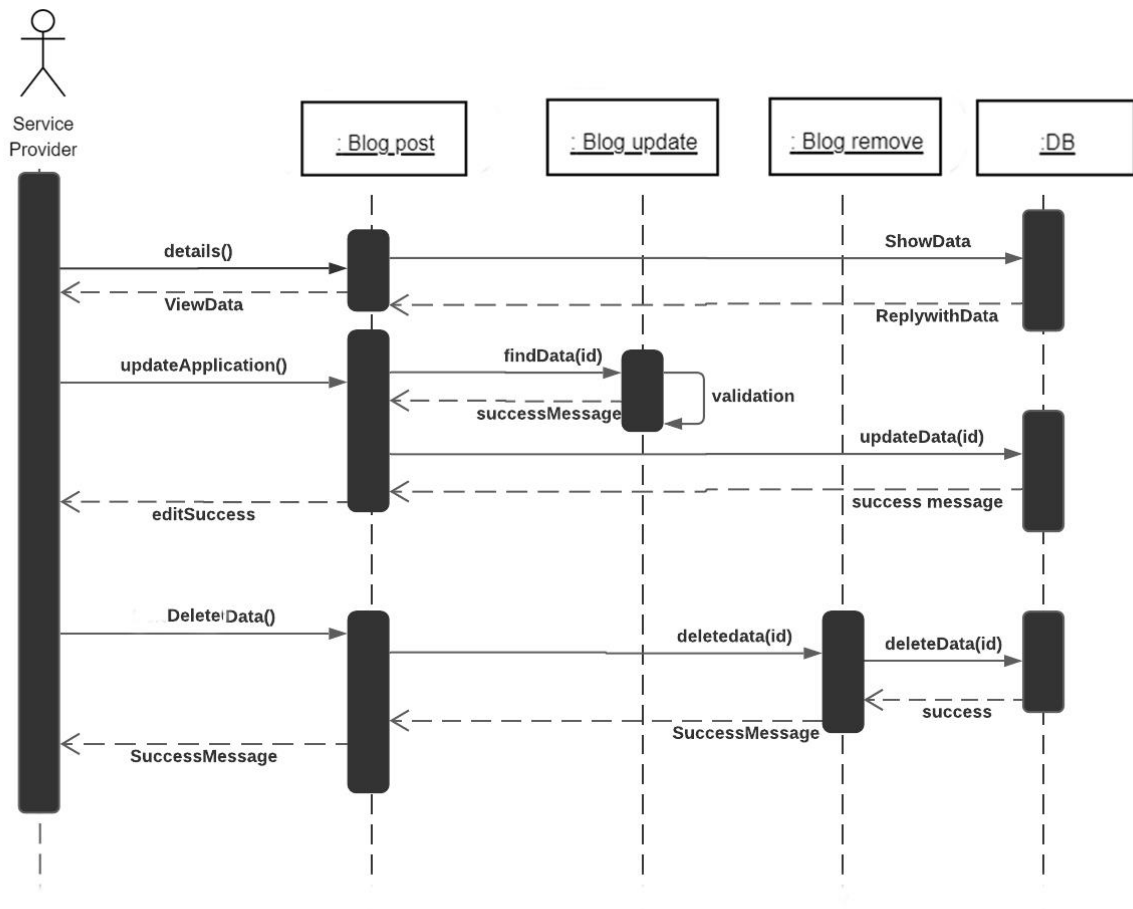


Figure 3.3.2.2 Service provider manage posted blogs.

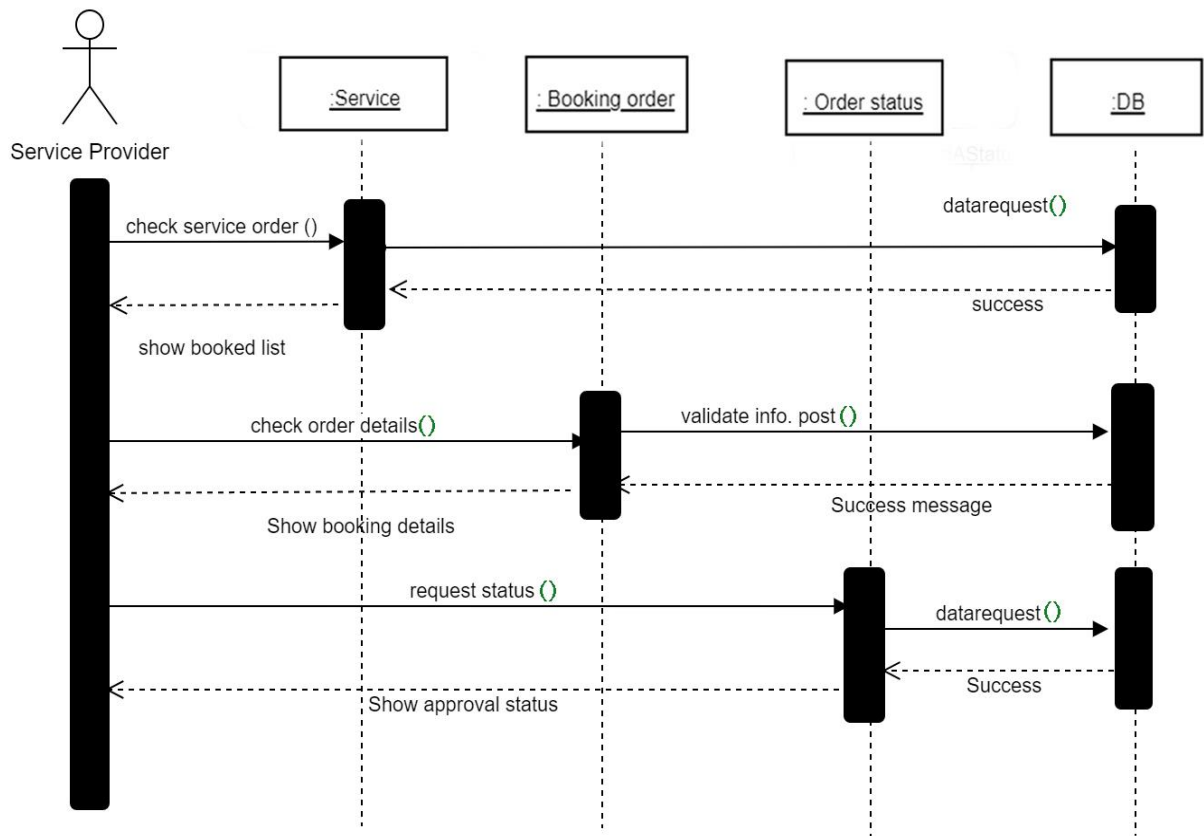


Figure 3.3.2.3 Service provider check approved order details.

3.3.3 For admin:

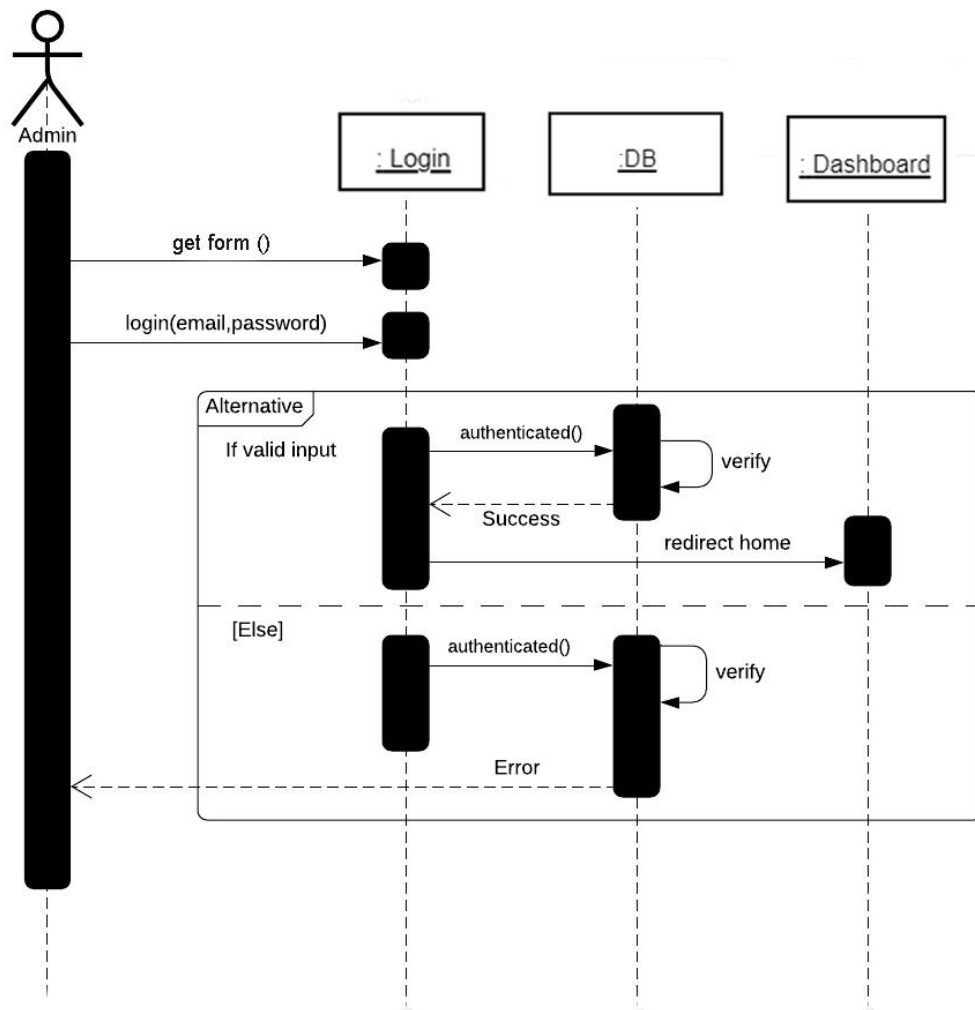


Fig 3.3.3.1 Admin Login

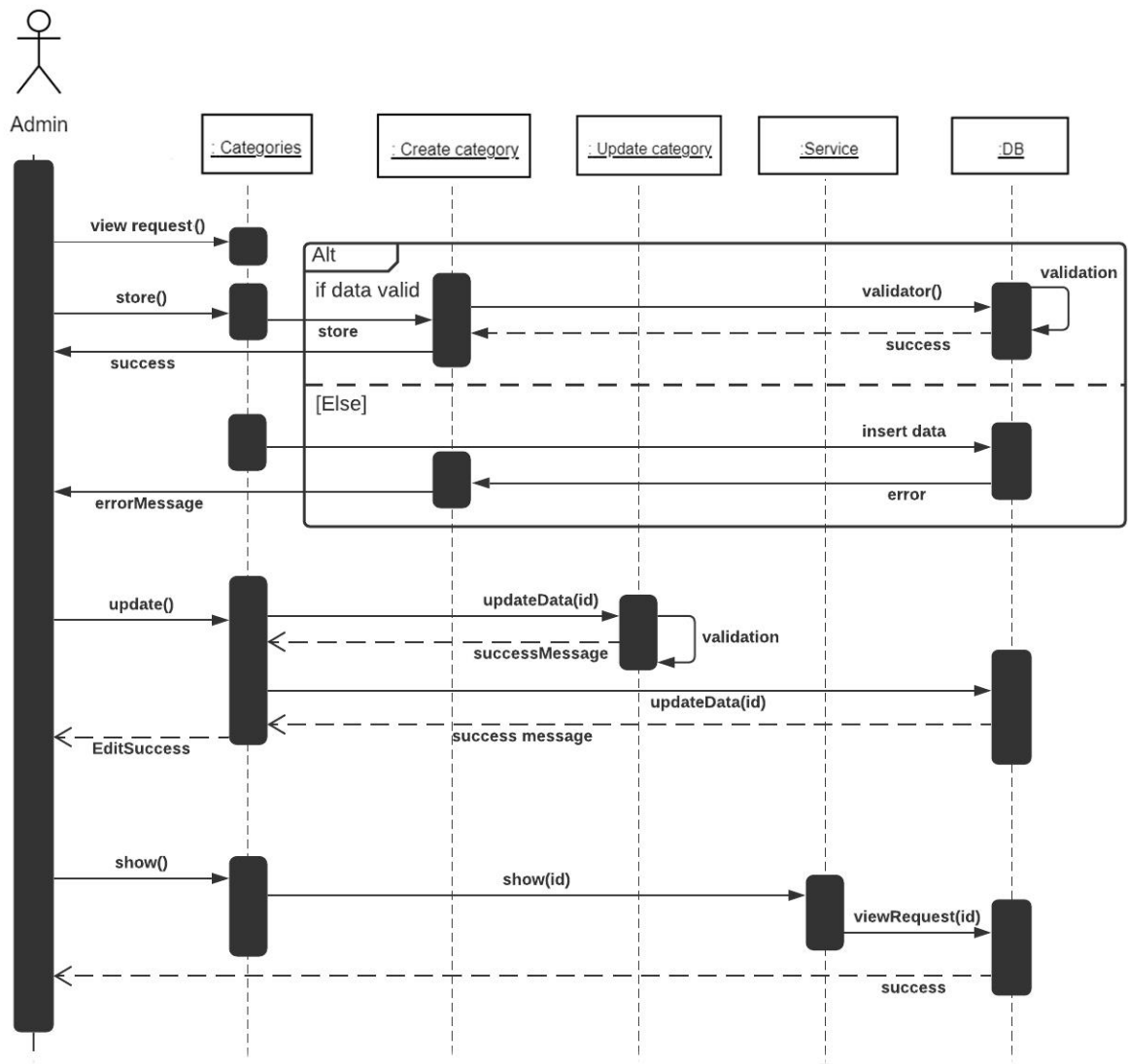


Fig 3.3.3.2 Admin add and manage services category

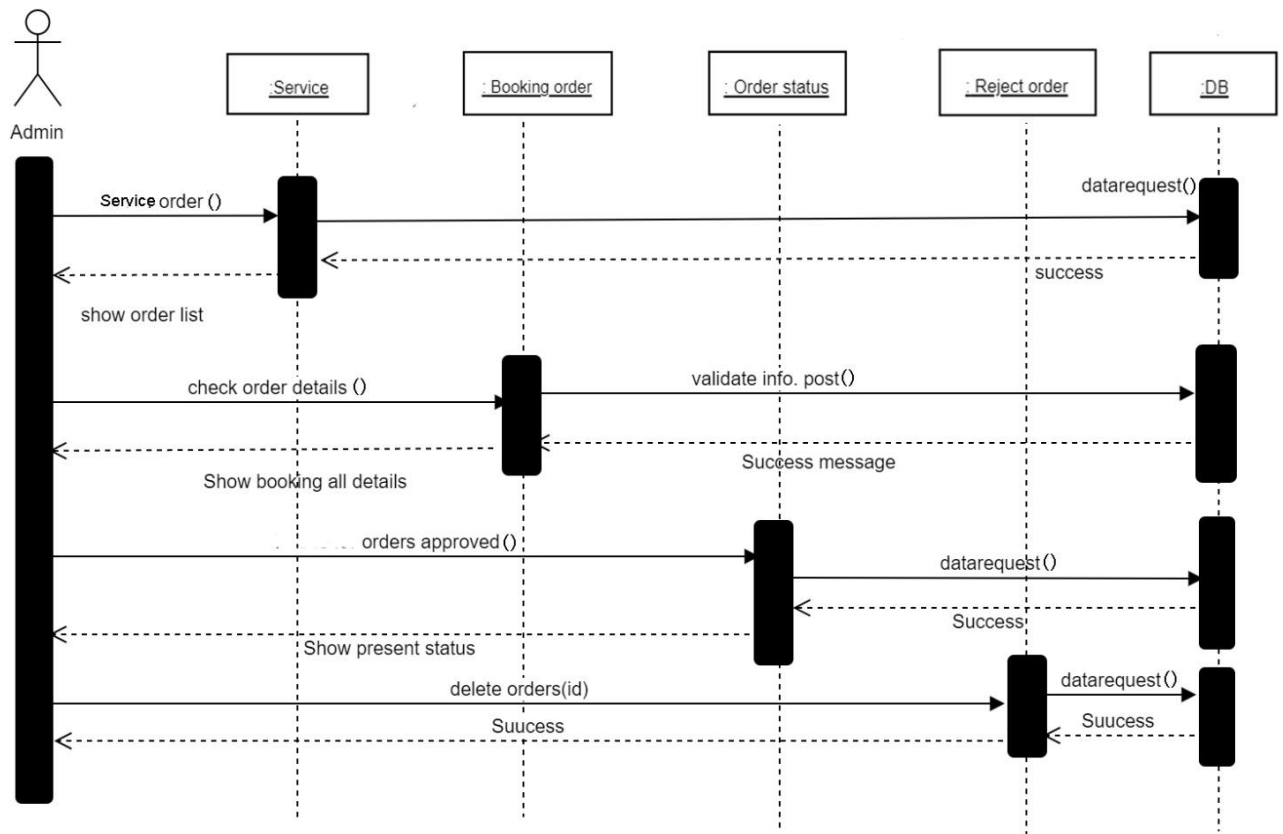


Fig 3.3.3.3 Admin handle orders and give status

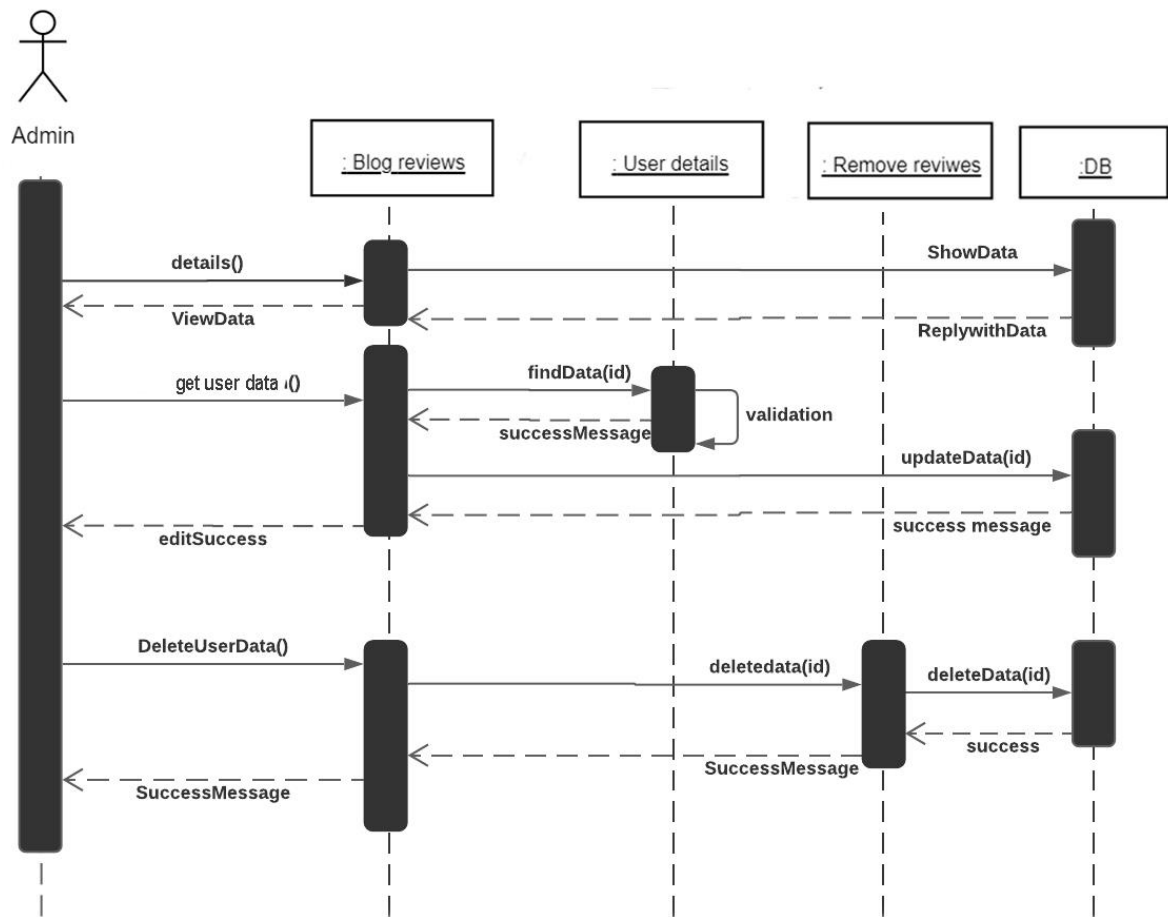


Fig 3.3.3.4 Admin collect and manage user blog post reviews.

3.4 Class Diagram:

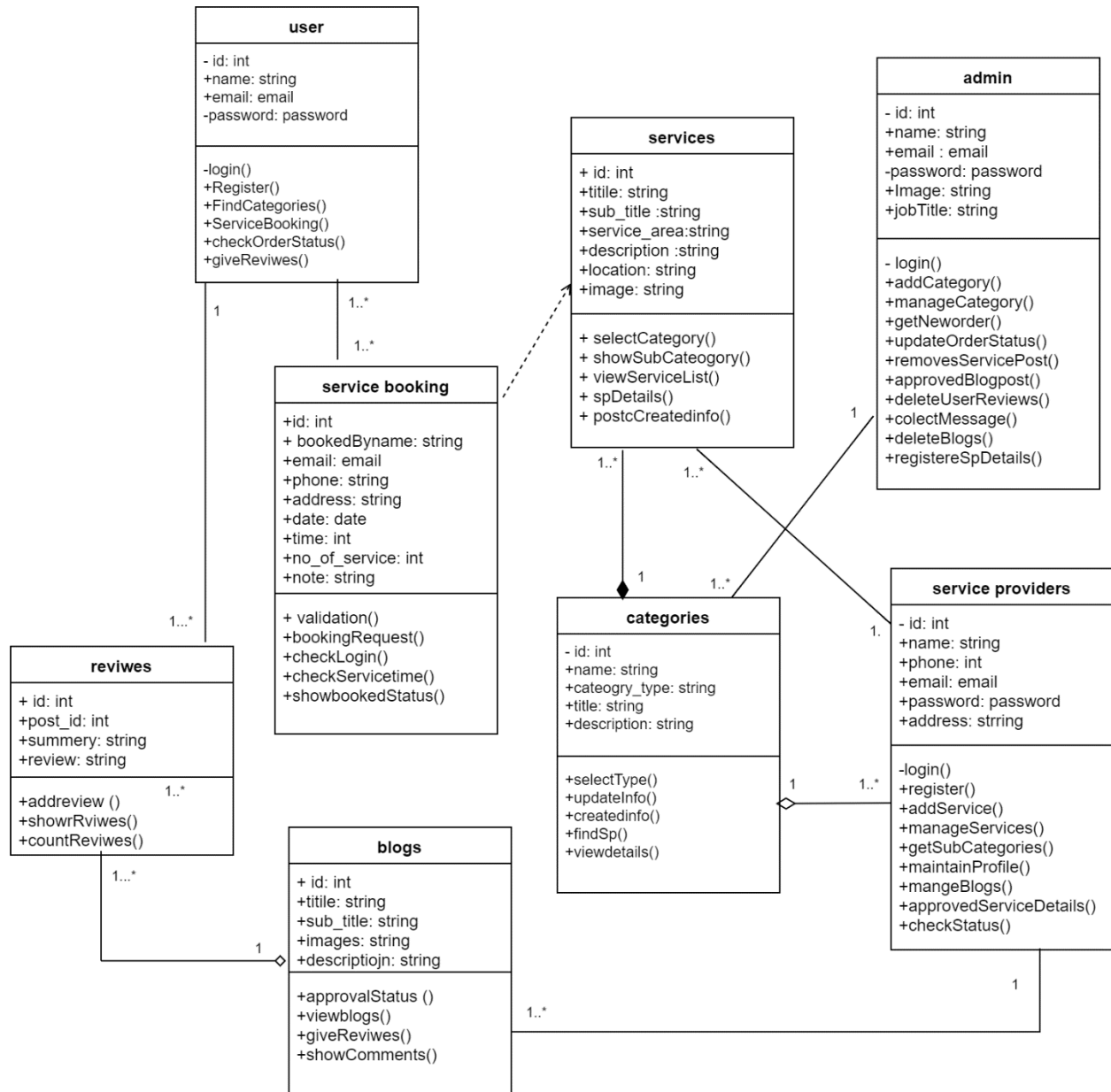


Fig 3.4 Class diagram.

3.5 ERD Diagram:

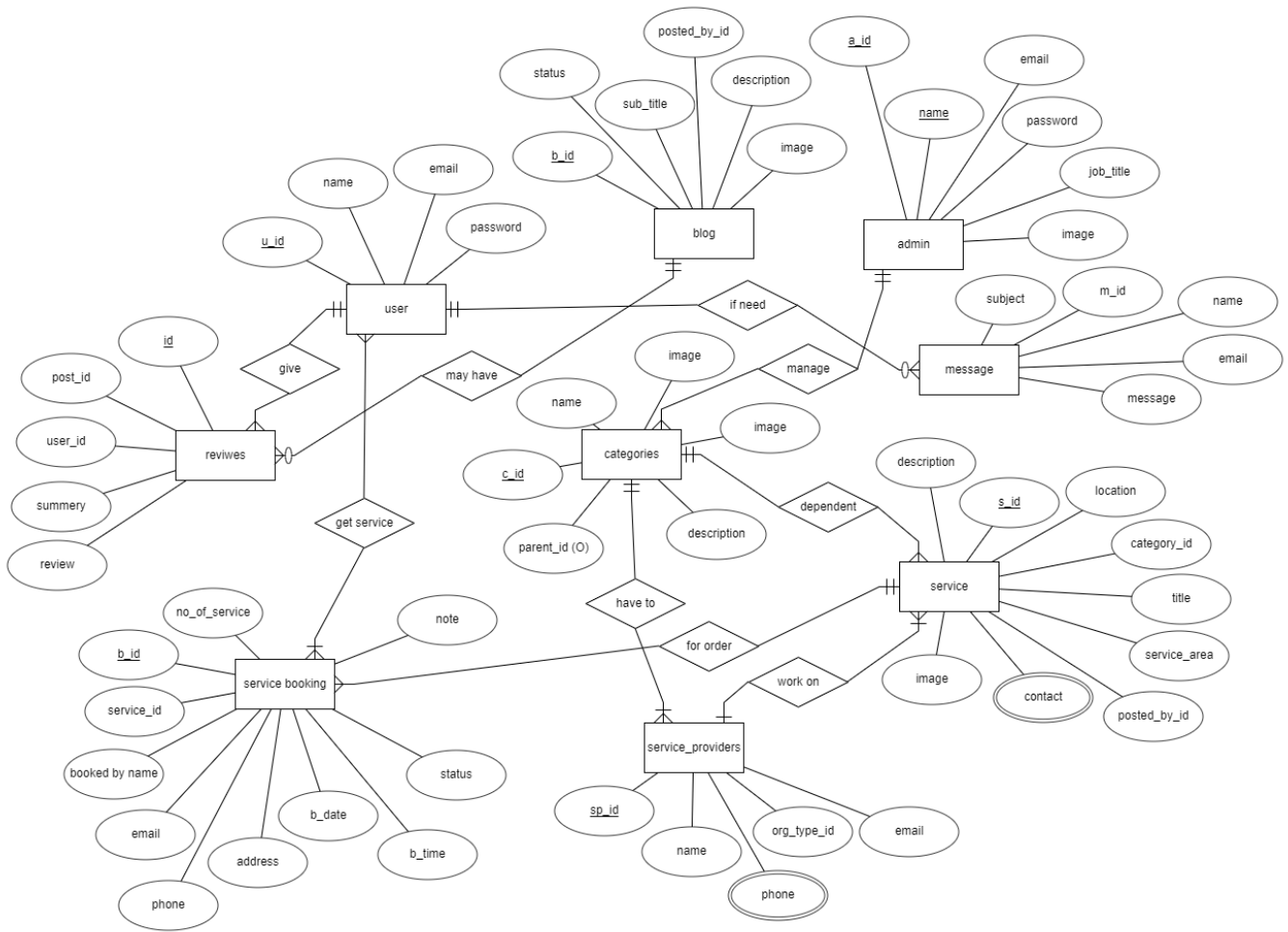


Fig 3.5 ERD diagram.

CHAPTER 04

DEVELOPMENT TOOLS AND TECHNOLOGIES

4.1 User interface technologies:

- Html5, css3, Bootstrap4, JavaScript, jQuery
- Php, Laravel (Framework)
- Font icon, Bootstrap Icon, Material Icon

4.2 Technologies for Implementation:

4.2.1 Xampp (7.4.12)

Xampp is a cross-platform web server solution stack which mostly consisting of The Apache HTTP Server, Maria DB database, and PHP and Perl script interpreters.

4.2.2 NPM (6.x)

NPM is the world's biggest program repository and the package manager for JavaScript. Find reusable coding packets and put them together in fresh and exciting ways.

4.2.3 PHP (7.2.33)

PHP (Hypertext Preprocessor) is a general-purpose programming language that was created with web creation in mind.

4.2.4 Laravel (7)

Laravel is one of the best frameworks of php which well-arranged of php blade files and contains lots of library that provides advance level php coding facility.

4.3 Platform and Environment

4.3.1 Hardware

- Processor: Intel corei5
- Ram: 4 GB.
- Hard drive: 1TB.
- Linux ubuntu/windows 8 and 10

4.3.2 Tools

- IDE/Editor: SublimeText-3.
- Cmd Terminal.
- Server: Localhost:8000

4.3.2 Version Control

- Git.

CHAPTER 05

SYSTEM TESTING

5.1 Introduction:

This is aimed at detecting and correcting errors. The main goals of this activity are to make sure that the evaluation process is properly articulated and that it follows the strategic goals. System research aids in the successful testing of the procedure and seeks to examine the actions of omission and contract that hinder the achievement of the objectives.

5.2 Test Plan Strategy:

The aim of the test plan is to demonstrate how the device will be evaluated as well as to include specific procedures to follow during the test. The test results, what is being measured, and the predicted result, as well as real feedback, are all described. Many software engineering projects should have a test plan as one of the basic documents. If there isn't a test schedule for the project, that means it won't be tested. that the system's performance is of poor quality This will not be satisfactory to the recipient because it does not meet their requirements. As soon as the specifications have been established, the test plan should be written. The system will be checked with reference data to see how it handles input and output functions, as well as extreme data or scenarios to decide how the system will behave in an overwhelmed environment. slow down the mechanism that is acting abnormally in a malfunction or severe condition.

5.3 Test Case:

A test case is a collection of parameters or factors that a tester uses to assess whether or not a device under test meets criteria or functions properly. The method of creating test cases will aid in the detection of flaws in an application's specifications or architecture.

- Ensure the logical choices are made on both the correct and incorrect side.
- Practice both the correct and incorrect sides of all logical choices.
- Inside their operations limits, check equal partitions and boundary values.
- Internal data structures should be tested to ensure that they are accurate.

Testing Case No-1

Test case id .1	Module name: user login
Priority: High	Test Date:15.05.2021
Test title: User login	Test executed by: Pranto das
Description: Test user login function	Test executed date: 03.05.2021
Pre-condition:	Users must have valid email and password.
Test steps:	<ol style="list-style-type: none">1. Go to login page2. Provide valid email & password3. Click Login button
Test Data:	User: Email: daspranto19@gmail.com Password: pranto12345
Expected Results:	User should able to login.
Actual Result:	User logged in successfully.
Status (Pass/Fail):	Pass.
Post-condition:	successfully logged in.

Table 5.3.1 Test Case 1

Testing Case No-2

Test case id .2	Module name: User Register
Priority: High	Test Date:05.05.2021
Test title: User register	Test executed by: Pranto das
Description: Test user register	Test executed date: 05.05.2021
Pre-condition:	Users must have valid email and password.

Test steps:	1. Go to Register page 2. Provide valid information 3. Click Register button
Test Data:	User name: Pranto User: Email: daspranto19@gmail.com Password: pranto12345
Expected Results:	User should verify email and logged on system
Actual Result:	User Register successfully
Status (Pass/Fail):	Pass
Post-condition:	Get Home page with successfully register.

Table 5.3.2 Test Case 2

Testing Case No-3

Test case id .3	Module name: User booking service
Priority: High	Test Date:07.05.2021
Test title: User booking service	Test executed by: Pranto das
Description: order booked service	Test executed date: 07.05.2021
Pre-condition:	Have to logged in
Test steps:	1. Go to service details page 2. Provide valid information 3. Click book-now button
Test Data:	Required information
Expected Results:	User can order booking for a service.
Actual Result:	Service successfully booking
Status (Pass/Fail):	Pass
Post-condition:	Get session message of successful booking.

Table 5.3.3 Test Case 3

Testing Case No-4

Test case id .4	Module name: User check booked service order status
Priority: High	Test Date:09.05.2021
Test title: User check status	Test executed by: Pranto das
Description: Test user booked service approval status	Test executed date: 09.05.2021
Pre-condition:	Have to logged in
Test steps:	1. Go to service status page 2. check booked order information 3. get present status
Test Data:	Approval or rejection information
Expected Results:	Present service status
Actual Result:	Pending or approved with booking details
Status (Pass/Fail):	Pass
Post-condition:	Updated status information

Table 5.3.4 Test Case 4

Testing Case No-5

Test case id .5	Module name: Service Provider registration
Priority: High	Test Date:11.05.2021
Test title: Service provider registration	Test executed by: Pranto das
Description: Test SP register with selected category	Test executed date: 11.05.2021
Pre-condition:	Service provider must have valid email and password.

Test steps:	1. Go to Register page 2. Provide valid information 3. Choose service category 4. Click Register button
Test Data:	SP-name: Home change service Dhaka SP-Email: homechange@gmail.com Password: pranto12345
Expected Results:	SP should validate email and logged on system
Actual Result:	Service provider register info successful
Status (Pass/Fail):	Pass
Post-condition:	Service provider get dashboard with successfully registration

Table 5.3.5 Test Case 5

Testing Case No-6

Test case id .6	Module name: Create services post
Priority: High	Test Date:12.05.2021
Test title: Create services post	Test executed by: Pranto das
Description: service provider crate new services post	Test executed date: 12.05.2021
Pre-condition:	Provide all service post data
Test steps:	1.Go to add service page 2.Select category and provided service information 3.Submit post for get booking order
Test Data:	Service info: title, subtitle, phone, image, service area. Description: service warranty and details
Expected Results:	Post will be submitted successfully
Actual Result:	Service post will be live on all site
Status (Pass/Fail):	Pass
Post-condition:	Service will be added in all services posted list.

Table 5.3.6 Test Case 6

Testing Case No-7

Test case id .7	Module name: Add new blog post
Priority: High	Test Date:13.05.2021
Test title: Add new blog post	Test executed by: Pranto das
Description: Blog post have to admin approval to live.	Test executed date: 13.05.2021
Pre-condition:	Service provider have to add all blog information
Test steps:	1.Go to add blog page 2.Provide validate blog information 3.Submit for admin approval
Test Data:	Blog post: title, subtitle, image, description Approval: Blog approval status
Expected Results:	Post submitted for admin approval
Actual Result:	Blog post will be submitted for approval to live on site
Status (Pass/Fail):	Pass
Post-condition:	Admin can take action on blog post to approved or reject.

Table 5.3.7 Test Case 7

Testing Case No-8

Test case id .8	Module name: Admin login
Priority: High	Test Date:13.05.2021
Test title: Admin login function	Test executed by: Pranto das
Description: admin login function	Test executed date: 13.05.2021
Pre-condition:	Admin should have valid email and password
Test steps:	1.Go to Admin login page 2.Provide valid email & password 3.Click Login button
Test Data:	Admin email: Admin@gmail.com Password: 123456789

Expected Results:	Admin will able to login the system
Actual Result:	Admin logged in successfully
Status (Pass/Fail):	Pass
Post-condition:	Admin can successfully redirect dashboard with logged in.

Table 5.3.8 Test Case 8

Testing Case No-9

Test case id .9	Module name: Admin manage service booking order
Priority: High	Test Date:14.05.2021
Test title: Manage service booking order by admin	Test executed by: Pranto das
Description: admin take action on service booking order	Test executed date: 14.05.2021
Pre-condition:	Admin should have order for service booking by user
Test steps:	1.Check booked orders user details and services details 2.Can approved or reject booking service order.
Test Data:	Order details: check accurate booking information. Approval: Approved or reject option.
Expected Results:	Admin get booking order details with provide approval status
Actual Result:	Admin can take action on services boking order with status
Status (Pass/Fail):	Pass
Post-condition:	Order approval present status updated on all user's site.

Table 5.3.9 Test Case 9

Testing Case No-10

Test case id .10	Module name: Admin can remove all post on site
Priority: High	Test Date:15.05.2021
Test title: Access to remove post	Test executed by: Pranto das
Description: admin have access to remove all kind of post on site	Test executed date: 15.05.2021

Pre-condition:	Service provider have to create post on site
Test steps:	1.Get all kinds of post details 2.Remove post on all site
Test Data:	Post on site: Service or blog posted details Remove post: delete post
Expected Results:	Get details and remove post on all user site,
Actual Result:	Post successfully removed by admin.
Status (Pass/Fail):	Pass
Post-condition:	Admin removed post will be updated from all site.

Table 5.3.10 Test Case 10

Testing Case No-11

Test case id .11	Module name: Admin Manage blog reviews
Priority: High	Test Date:18.05.2021
Test title: Manage blog reviews	Test executed by: Pranto das
Description: admin get details of user blog reviews and can remove	Test executed date: 18.05.2021
Pre-condition:	Have to users review on blog post
Test steps:	1.Admin check reviews details, blog details and user details. 2.Remove reviews from blog post
Test Data:	Check details: reviews on which post who reviewed. Remove reviews: delete reviews from blog post
Expected Results:	Admin will able to get details of all reviews and remove also
Actual Result:	Found all review's details and removed successfully.
Status (Pass/Fail):	Pass
Post-condition:	Review will be not shown on that blog post.

Table 5.3.11 Test Case 11

CHAPTER 06

USER MANUAL

6.1 User Manual

For User

6.1.1 Home page

This is the index page of “Smart Service Providers” here you can find all services categories and services post also to get as need service.

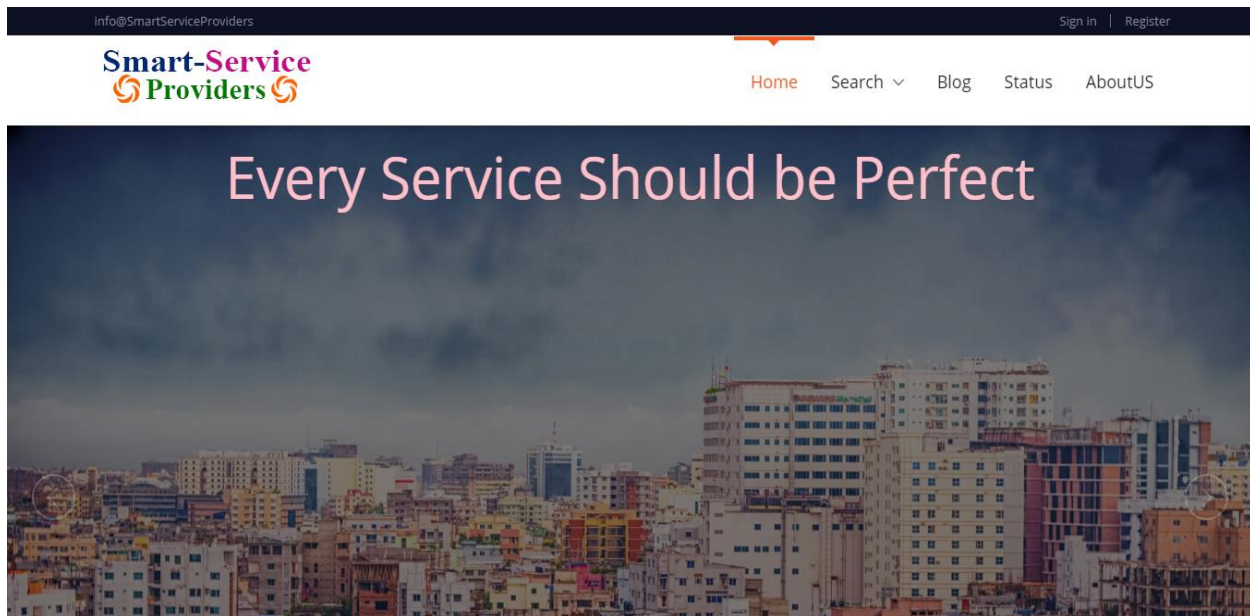


Fig 6.1.1.1User home page

6.1.2 User Login page

Here user need to enter his/her registered email id and password to proper access on system.

The screenshot shows the 'User-Login' page of the Smart-Service Providers website. The header includes the email 'info@SmartServiceProviders', 'Sign In', and 'Register' links. The main navigation bar contains 'Home', 'Search', 'Blog', 'Status', and 'AboutUS'. The login form is centered and includes a title 'User-Login', a label 'E-Mail Address *' above a text input field, a label 'Password *' above a password input field, a blue 'Login' button, and a link 'Forgot Your Password?'. The footer is divided into three sections: 'About us' (describing the service), 'Contact us' (providing an address in Dhaka), and 'Stay with us for' (offering urgent service).

Fig 6.1.2.1 User Login page

6.1.3 User Register

In this register page user must registered by himself with entering valid information.

The screenshot shows the 'User-Registration' page of the Smart-Service Providers website. The header and navigation bar are identical to the login page. The registration form is centered and includes a title 'User-Registration', four labels ('Name', 'E-Mail Address', 'Password', 'Confirm Password') each above a corresponding text input field, and a blue 'Register' button. The footer is identical to the login page.

Fig 6.1.3.1 User Register page

6.1.4 User get main-categories

Here user can find out all main categories name of services from where they can find more.

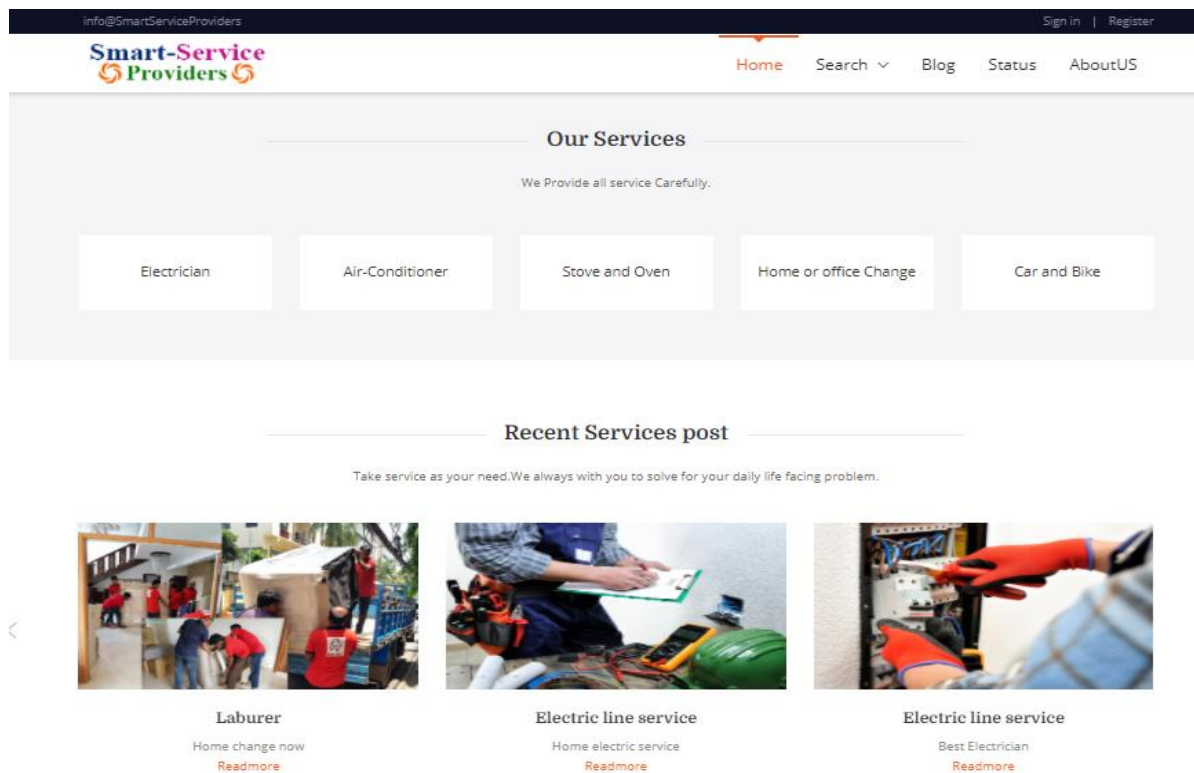


Fig 6.1.4.1 User Main category and service post

6.1.5 User have to choose from sub-category

After select main category user can find several sub-categories

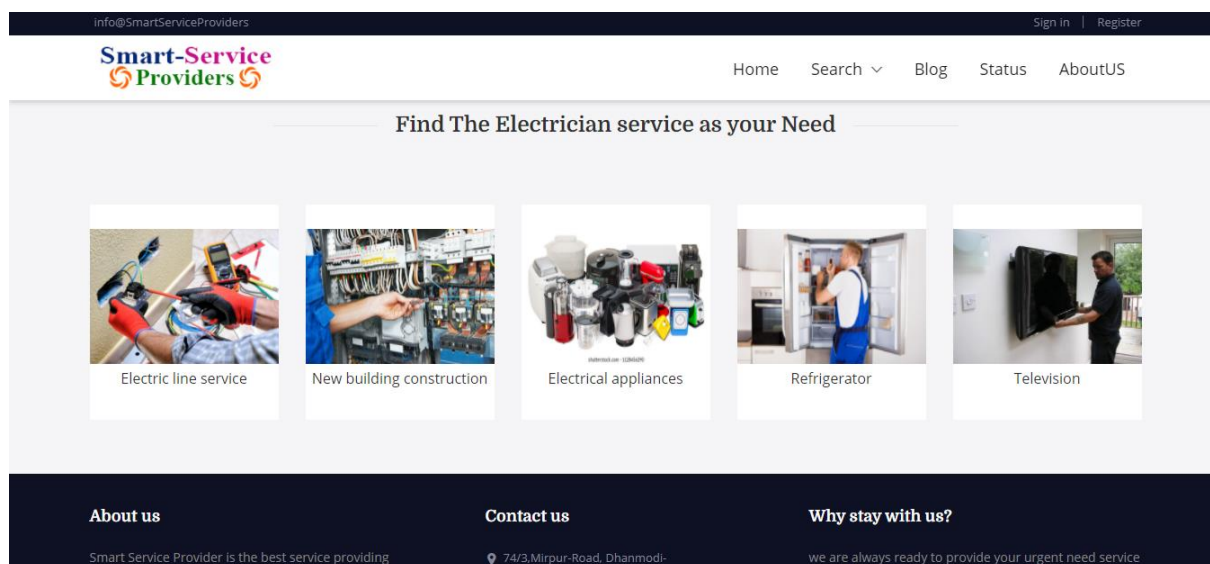


Fig 6.1.5.1 User found different types of subcategories of main-category.

6.1.6 User get all organizations details page

User find all organization who providing service and posted on sight with their details

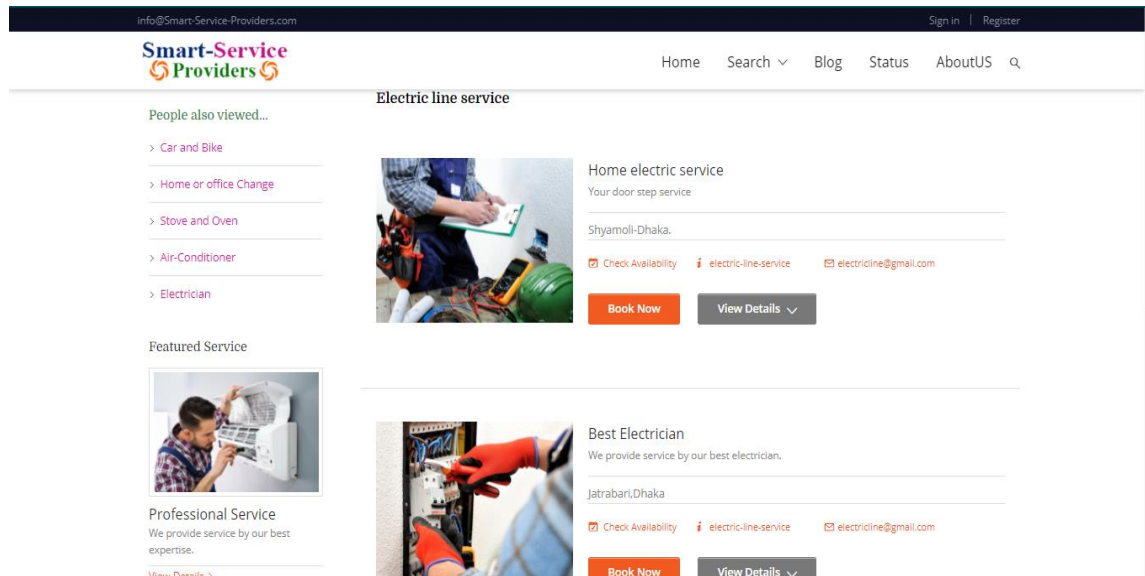


Fig 6.1.6.1 User get all organization list on the specific services.

6.1.7 User view service details page

Specific services post details with service providers details and also get booking option.

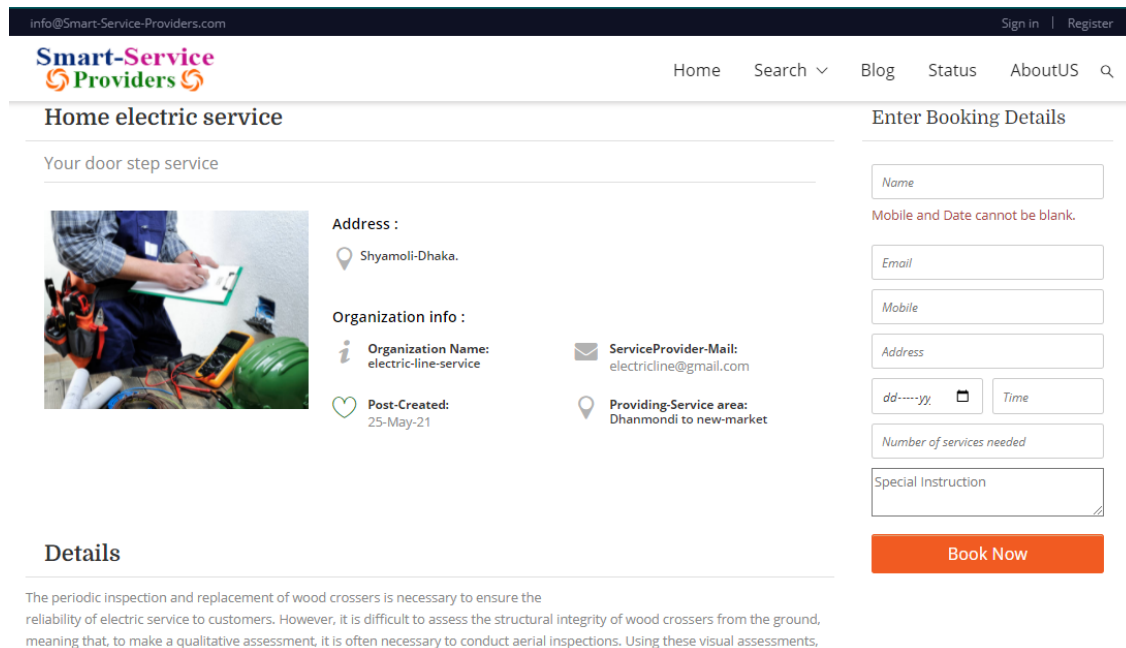


Fig 6.1.7.1 User get service details and booking the service option.

6.1.8 User blog post page

User can read service providers experienced blog sight and can give reviews on their post.

info@SmartServiceProviders

Sign in | Register


Smart-Service Providers

Home Search Blog Status AboutUS

30
May,21

you can also visit our shop

We provide service by our best electrician.



May,2021

electric appliance service

0 Comment


House Electric is a full-service electrical contractor, from service work to new construction.


We have been in the electrical trade for over 10 years,


providing our customers with the best support and service.


[Read More](#)

Our Services Categories

Television

Refrigerator

Central air conditioner

Used gas-stove problem


Ac Clean

Fig 6.1.8.1 User get blog post with details.

6.1.9 User Reviews on blog post

Here user can read service providers experienced blog sight and can give reviews on their post.

The screenshot displays the 'Smart-Service Providers' website interface. At the top, a dark blue header contains the email 'info@SmartServiceProviders' on the left and 'Sign in | Register' on the right. Below the header, the website logo 'Smart-Service Providers' is on the left, and navigation links 'Home', 'Search', 'Blog', 'Status', and 'AboutUS' are on the right. The main content area is divided into two columns. The left column features a section titled '1 Comments' with a comment from a user named 'pranto' dated '25 May, 2021 7 hours ago'. The comment text reads: 'vary good I already get service from this service provider..it was amazing'. Below the comment is a 'Leave a comment' section with a speech bubble icon. This section includes two text input fields: 'Summery*' (with placeholder text 'Write short summery.....') and 'Review*' (with placeholder text 'Write your review.....'). A green 'Post Comment' button is located at the bottom of the form. The right column contains three service provider listings, each with a small image and a title: 'Stove and Oven', 'Air-Conditioner', and 'Electrician'.

Fig 6.1.9.1 User can view other comment and also give reviews

6.1.10 User contact form

User found details of company information and send urgent message.

The screenshot shows the 'Contact Form' on the Smart-Service Providers website. The form includes fields for 'Your Name', 'Your Email', 'Subject', and 'Your Message'. A 'Submit' button is located at the bottom right. The website header includes the logo, navigation links (Home, Search, Blog, Status, AboutUS), and user options (Sign in, Register). The footer contains 'About us', 'Contact us', and 'Stay with us for' sections.

info@SmartServiceProviders Sign in Register

Smart-Service Providers Home Search Blog Status AboutUS

Contact Form

Your Name * Your Message *

Your Email *

Subject *

Submit

About us Contact us Stay with us for

Smart Service Provider is the best service providing 74/3 Mirpur-Road, Dhanmodi- we are always ready to provide your urgent need service

Fig 6.1.10.1 User urgent contact form.

6.1.11 User check ordered services status and details

User found their booked service order details information with approval status.

The screenshot shows the 'YOUR ORDERED BOOKED SERVICE-STATUS' page on the Smart-Service Providers website. The page displays a table of service orders with columns for #, Name, Phone, Email, Address, Date - Time, S-quantity, Note, Service, Order since, and Status. The status of each order is indicated by a green 'Approved' button or a red 'Pending' button.

info@SmartServiceProviders My Account pranto

Smart-Service Providers Home Search Blog Status AboutUS

YOUR ORDERED BOOKED SERVICE-STATUS

Booking details & Status

Smart Service Providers / Order-list

#	Name	Phone	Email	Address	Date - Time	S-quantity	Note	Service	Order since	Status
1	pranto	01891975402	pranto35-1858@diu.edu.bd	South-Paikpara,Mirpur-1	2021-05-26 at 4 pm	1	call me beofre come	Service details	7 hours ago	Approved
2	pranto	01749799858	pranto35-1858@diu.edu.bd	dhanmondi,dhaka	2021-05-25 at 4 pm	1	done	Service details	7 hours ago	Pending
3	pranto	01918-05160	pranto35-1858@diu.edu.bd	Nilkhet,Dhaka	2021-05-26 at 11am	1	ok confirmed	Service details	7 hours ago	Approved
4	suvo	01918-05160	pranto35-1858@diu.edu.bd	kazi-para,Mirpur-10	2021-05-27 at 4 pm	1	ok done	Service details	7 hours ago	Pending

Fig 6.1.11.1 User can check ordered service status.

For Service Providers

6.2.1 Login page

Here service provider login with valid email and password.

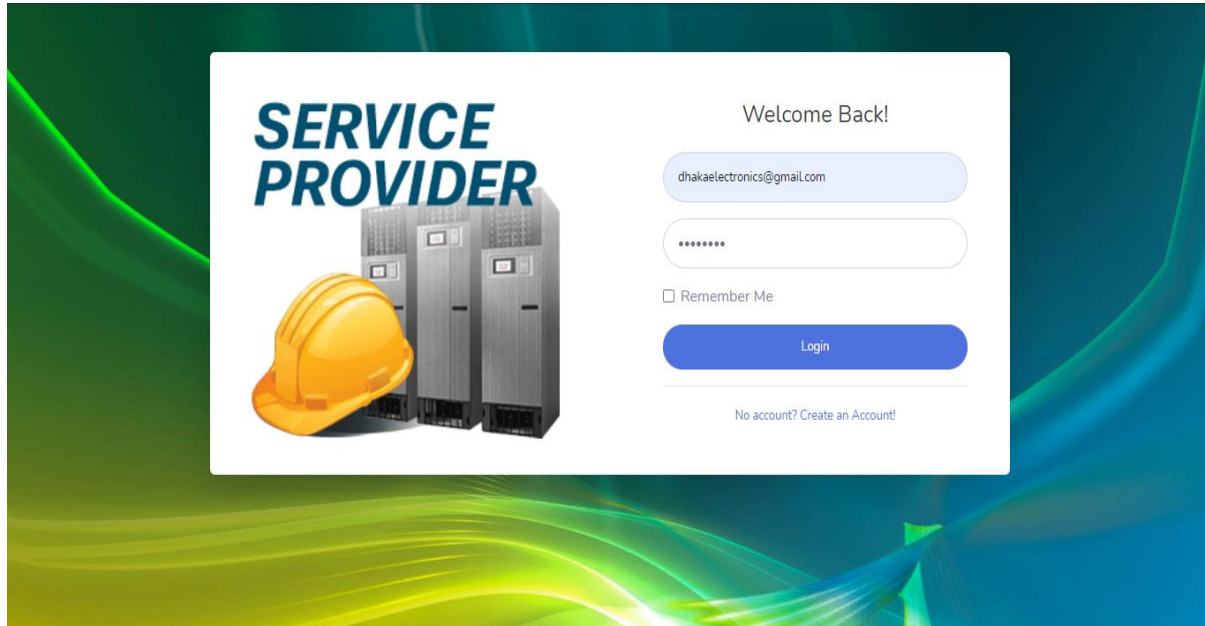


Fig 6.2.1.1 Service Provider's login.

6.2.2 Service Provider dashboard

Here service provider will get all updated of their functionality.

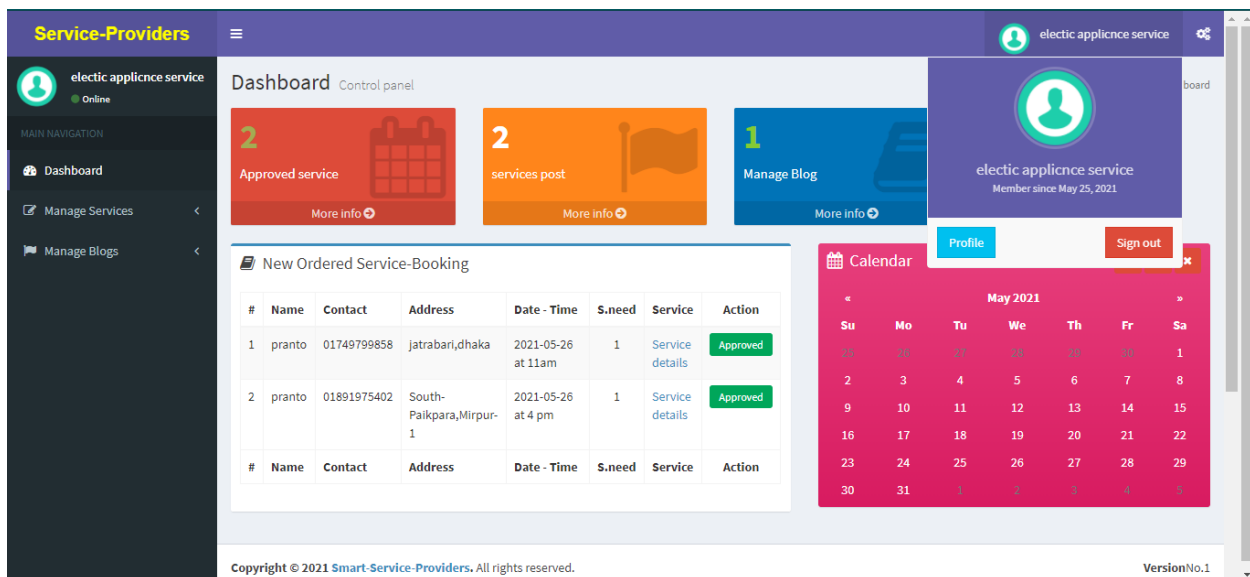


Fig 6.2.2.1 Service Providers dashboard.

6.2.3 SP Manage profile

Service Provider should maintain profile and updated their profile's information.

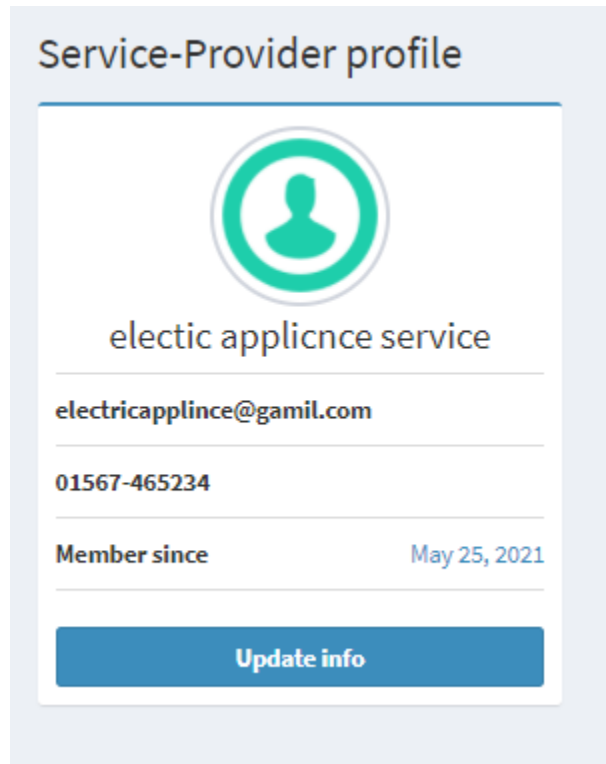


Fig 6.2.3.1 Service Provider's profile info

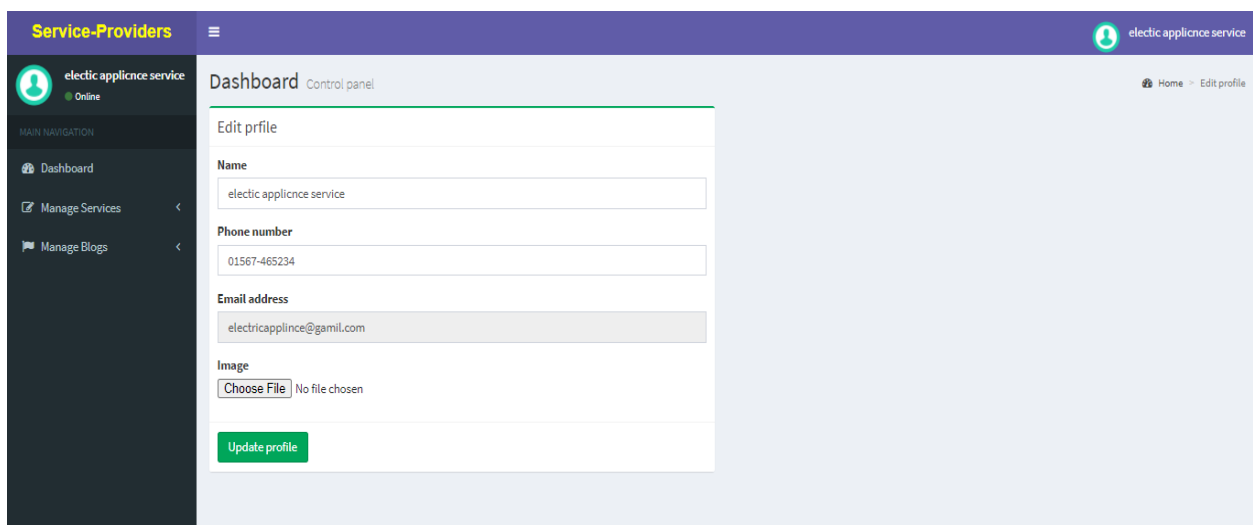


Fig 6.2.3.2 Service Providers Update Profile

6.2.4 Add services

Define on specific sub category service providers posted service on sight for get order.

The screenshot shows the 'Add new Service' form in the Service-Providers dashboard. The form is titled 'Service Post' and includes fields for 'Category name', 'Sub-title', 'Service Area', 'Title', 'Location', 'Contact-Number', and 'Description'. There is also an 'Image' upload section with a 'Choose File' button. The 'Description' field has a rich text editor with options for 'Normal text', 'Bold', 'Italic', 'Underline', 'Small', and various icons for text formatting and alignment. A 'POST' button is at the bottom left.

Service-Providers

electric appliance service

Home > Add new Service

Service Post

Category name

Category

Title

Title

Sub-title

Sub-title

Location

Location

Service Area

Provide possible area for this service

Contact-Number

Number for this service

Image (Max file size:2024 kb, Max_width=370,max_height=300)

Choose File No file chosen

Description

A Normal text Bold Italic Underline Small

Description here

POST

Fig 6.2.4.1 Service providers add new services post

6.2.5 View service posted list

Here, service providers get his posted services post with all functionality

The screenshot shows the 'Services list' view in the Service-Providers dashboard. It displays a table of service posts with columns for 'Sl no.', 'Title', 'Sub-title', 'Location', 'Contact', 'Service area', 'Description', 'Image', and 'Action'. There are two entries listed. The 'Action' column contains icons for editing and deleting each post. A search bar is at the top right, and a pagination bar is at the bottom.

Service-Providers

DahakaHomeChange

Home > Services list

Services list

Own post by ServiceProvider

Show 10 entries

Search:

Sl no.	Title	Sub-title	Location	Contact	Service area	Description	Image	Action
1	Best home changing service	We provide service by our best expertise.	Shyamoli-Dhaka.	01381-085673	newmarket to savar	We are reliable, safe and efficient home movers in Dhaka .who can handle your move with success! We all wish to move to a new home without much stress and complication. We are the best house shifting service provider in Dhaka.		
2	Professional home changing labourer	We provide service by our best expertise.	Nilkhet,Dhaka	01856-495039	Dhaka	I first noticed something about place changing a person when I moved to Canada. While Canada and Australia share many similarities, there were still significant differences. The clothes worn were one, and occasionally a phrase would seem unfamiliar. I was teased for saying "queue" instead of "line up", and "no worries" instead of "no problem".		
Sl no.	Title	Sub-title	Location	Contact	Service area	Description	Image	Action

Showing 1 to 2 of 2 entries

Previous 1 Next

Fig 6.2.5.1 View services post with details

6.2.6 Update service

Here, post can be edit with old services information and successfully updated

The screenshot shows the 'Edit Service' form in the DahakaHomeChange dashboard. The form is titled 'Edit Post' and contains several input fields: 'Category name' (set to 'Laburer'), 'Title' (set to 'Best home changing service'), 'Sub-title' (set to 'We provide service by our best expertise.'), 'Location' (set to 'Shyamoli-Dhaka.'), 'Service Area' (set to 'Provide possible area for this service'), and 'Contact-Number' (set to '01381-085673'). There is an 'Image' field with a 'Choose File' button and a 'Description' field with a rich text editor. The 'Update' button is at the bottom left.

Fig 6.2.6.1 Service providers update services post

6.2.7 Add new blog post

Share old experience by adding blog post to user and get reviews.

The screenshot shows the 'Add new blog' form in the Service-Providers dashboard. The form is titled 'Blog Post' and contains several input fields: 'Title', 'Sub-title', and 'Image' (with a 'Choose File' button). There is a 'Description' field with a rich text editor. The 'POST' button is at the bottom left. The dashboard header shows 'Service-Providers' and 'DahakaHomeChange' with a user profile icon.

Fig 6.2.7.1 Service providers add blogs

6.2.8 Manage blog post

The posted blog will be waiting for approval and then live on user site and also can be update and delete the post.

Service-Providers Dhaka-Ac-Services Online

Blog list

Own post by blog

Show 10 entries Search:

Sl no.	Title	Sub-title	Image	Action
1	Professional Service	We provide service by our best expertise.		edit delete
2	Oven Service World	Your door step service		edit delete
3	Professional Service	We provide service by our best expertise.		please waiting for approval edit delete

Showing 1 to 3 of 3 entries

Previous 1 Next

Fig 6.2.8.1 Service providers blogs waiting for approval

Edit blog

Edit Post

Title Professional Service

Sub-title We provide service by our best expertise.

Image Choose File No file chosen

Description

I first noticed something about place changing a person when I moved to Canada.

While Canada and Australia share many similarities, there were still significant differences.

The clothes worn were one, and occasionally a phrase would seem

[Update](#)

Fig 6.2.8.2 Service providers update blog with details info

For Admin

6.3.1 Login page

Admin should have provided their validated email and password for logged in the system.

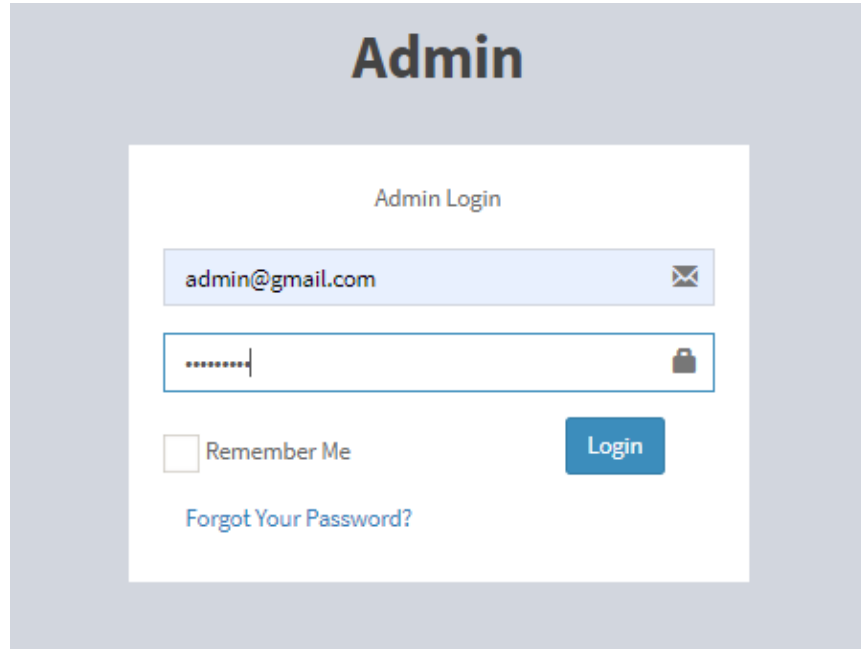


Fig 6.3.1.1 Admin login

6.3.2 Admin dashboard

After logging successfully admin redirect to admin dashboard with compact all data

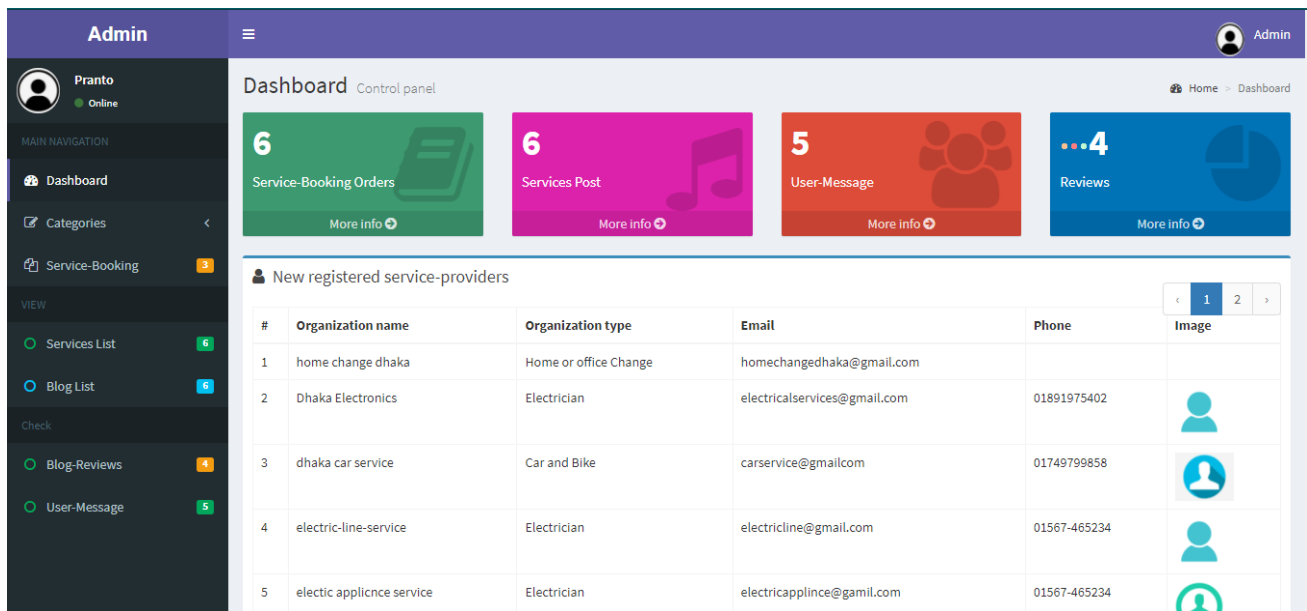
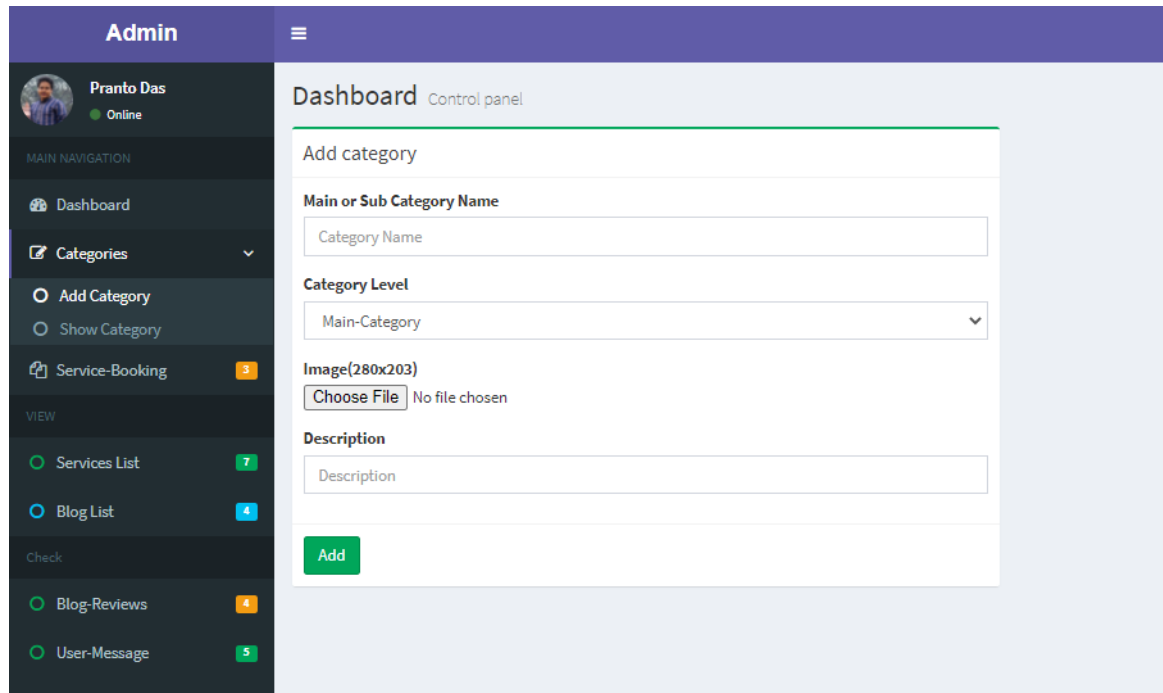


Fig 6.3.2.1 Admin dashboard

6.3.3 Admin add categories

Admin can add category and sub category as need to create service provider post

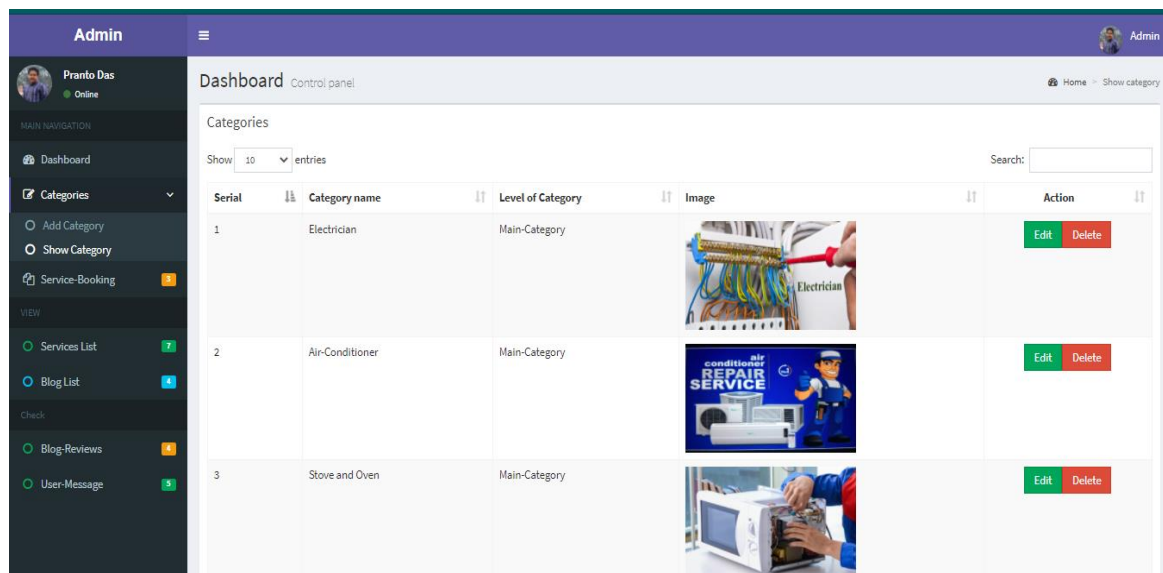


The screenshot shows the Admin Dashboard with a sidebar on the left and a main content area. The sidebar includes a user profile for 'Pranto Das' (Online) and a 'MAIN NAVIGATION' menu with options: Dashboard, Categories (selected), Add Category, Show Category, Service-Booking (3), and a 'VIEW' section with Services List (7), Blog List (4), and a 'Check' section with Blog-Reviews (4) and User-Message (5). The main content area is titled 'Dashboard Control panel' and features a form titled 'Add category'. The form has the following fields: 'Main or Sub Category Name' (text input), 'Category Level' (dropdown menu set to 'Main-Category'), 'Image(280x203)' (with a 'Choose File' button and 'No file chosen' text), and 'Description' (text input). A green 'Add' button is at the bottom of the form.

Fig 6.3.3.1 Admin add category and sub category.

6.3.4 Manage categories details

All category types with details and functionality are listed here to update and delete also.



The screenshot shows the Admin Dashboard with the 'Manage categories' table. The sidebar is the same as in the previous figure. The main content area is titled 'Dashboard Control panel' and features a table of categories. The table has columns: Serial, Category name, Level of Category, Image, and Action. There are 3 entries listed. Above the table, there is a 'Show' dropdown set to '10' and a 'Search' input field. The table data is as follows:




Serial	Category name	Level of Category	Image	Action
1	Electrician	Main-Category		Edit Delete
2	Air-Conditioner	Main-Category		Edit Delete
3	Stove and Oven	Main-Category		Edit Delete

Fig 6.3.4.1 Admin manage categories

6.3.5 Booking order details and give status

Here all coming order with details will be listed and admin can take decision about on order.

The screenshot shows the Admin interface with a sidebar on the left containing navigation links: Dashboard, Categories, Service-Booking, Booking list, Services List, Blog List, Blog-Reviews, and User-Message. The main content area is titled 'Ordered Booking list' and displays a table of service booking orders. The table has columns for #, Name, U-Phone, Email, Address, Date - Time, Service-quantity, Note, Service, Order since, and Action. There are 6 entries listed, each with a 'Delete' button and an 'Approved' button. A search bar is located at the top right of the table area.

#	Name	U-Phone	Email	Address	Date - Time	Service-quantity	Note	Service	Order since	Action
1	Sajol islam	01713900463	sajol@gmail.com	Nilkhet,Dhaka	2021-05-26 at 11am	1	contact with me before come	Service details	11 hours ago	Approved Delete
2	pranto	01891975402	pranto35-1858@diu.edu.bd	South-Paikpara,Mirpur-1	2021-05-26 at 4 pm	1	call me beofre come	Service details	9 hours ago	Delete
3	pranto	01749799858	pranto35-1858@diu.edu.bd	dhanmondi,dhaka	2021-05-25 at 4 pm	1	done	Service details	9 hours ago	Approved Delete
4	pranto	01918-05160	pranto35-1858@diu.edu.bd	Nilkhet,Dhaka	2021-05-26 at 11am	1	ok confirmed	Service details	9 hours ago	Delete
5	suvo	01918-05160	pranto35-1858@diu.edu.bd	kazi-para,Mirpur-10	2021-05-27 at 4 pm	1	ok done	Service details	9 hours ago	Approved Delete
6	pranto	01749799858	pranto35-1858@diu.edu.bd	jatrabari,dhaka	2021-05-26 at 11am	1	done	Service details	5 hours ago	Delete

Fig 6.3.5.1 Admin provide status on Booking order

6.3.6 All services post page

Admin can remove any services post from site.

The screenshot shows the Admin interface with a sidebar on the left containing navigation links: Dashboard, Categories, Service-Booking, Services List, Blog List, Blog-Reviews, and User-Message. The main content area is titled 'All Services' and displays a table of service posts. A red banner at the top indicates 'Service successfully deleted!'. The table has columns for #, Title, Sub-title, Location, Contact, Service-Area, Description, Image, and Action. There are 4 entries listed, each with a 'Delete' button. A search bar is located at the top right of the table area.

#	Title	Sub-title	Location	Contact	Service-Area	Description	Image	Action
1	Professional Service	We provide service by our best expertise.	Mirpur-1,Dhaka	01875-567845	Dhanmondi to new-market	You may roll back and re-migrate a limited number of migrations by providing the.		Delete
2	Best home changing service	We provide service by our best expertise.	Shyamoli-Dhaka.	01381-085673	newmarket to savar	We are reliable, safe and efficient home movers in Dhaka .who can handle your move with success! We all wish to move to a new home without much stress and complication. We are the best house shifting service provider in Dhaka.		Delete
3	Dhaka electric world	electric line problem will be solved	Nilkhet, Dhaka	01956-173635	Dhanmondi to new-market	Transmission lines have become a staple of our landscapes. they traverse an incredible range of environments, climates and terrains, leaving lasting images. Their longevity is at least partially responsible for this ubiquity.		Delete
4	Best Electrician	We provide service by	Jatrabari,Dhaka	01867-234345	Jatrabari to savar	To deal with these concerns, leading utilities are examining the economic impact of these problems and revisiting their planning and operations practices. Many are also heavily		Delete

Fig 6.3.6.1 Admin remove services

6.3.7 Admin Manage profile

Should have a profile with job description and admin can update the profile.

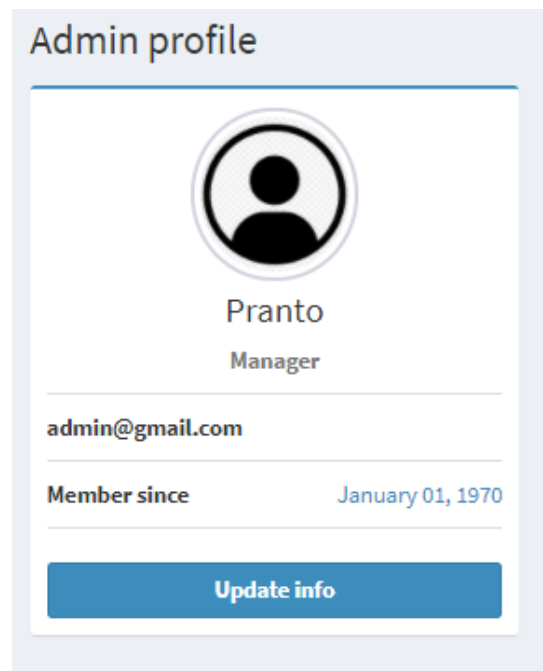


Fig 6.3.7.1 Admin Manage Profile

6.3.8 Admin manage users review

Here all user reviews on blog post will be listed and admin can take action on reviews.

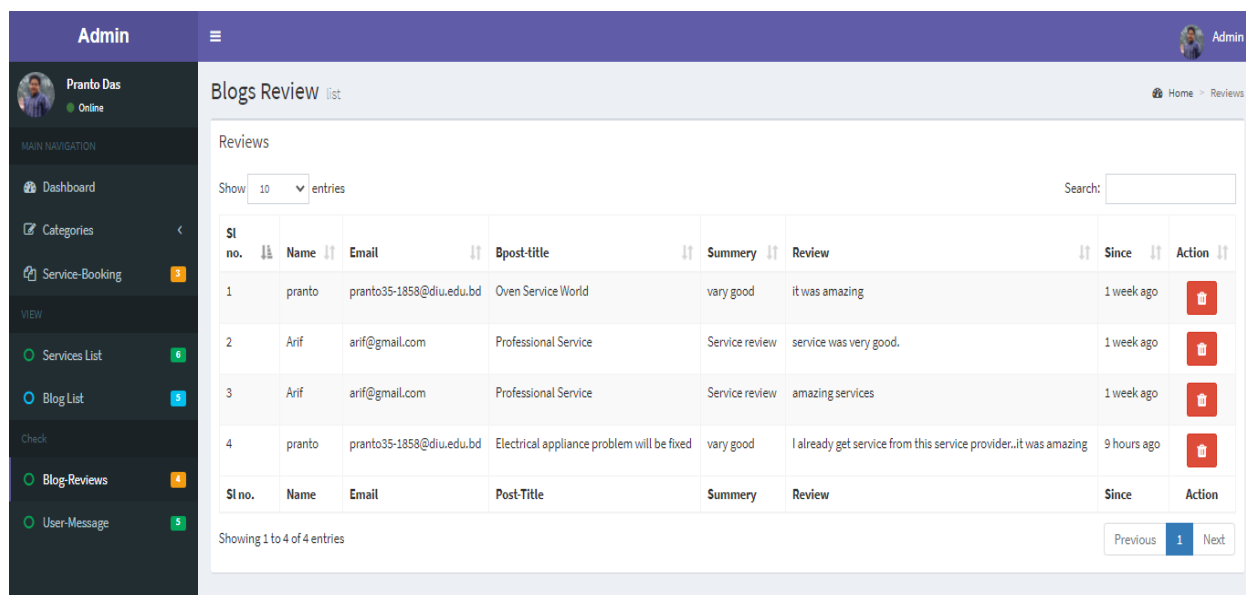


Fig 6.3.8.1 Admin manage user's reviews

CHAPTER 07

PROJECT CONCLUTION

7.1 GitHub link

<https://github.com/prantobdx/Smart-Service-Providers>

7.2 Boundaries

- The system (STA) is for the benefit of the consumer or user.
- The system (STA) does not allow other users to sign in without their permission.
- The system (STA) requires a high-speed internet connection.

7.3 Obstacles and Successes

Obstacles:

- Learning new technologies and adapting to a new environment is a challenge.
- Time and money are both limited.

Successes:

- Implement a business idea.
- Find out about innovative technology.
- Build a project that solves an issue in everyday life.

7.4 Future Work Plan

Although this system has been well-developed, future development will entail some significant adjustments. Real-time communication and the payment gateway and more security will be added and other updates will be connected.

7.5 Conclusion

Spite of the challenges experienced during the development process, the system was designed for online management, allowing it to increase its efficiency and efficacy. The system's maintenance and use will be simple since all users will have access to the system's document and user manual. Also, because this was considered throughout creation, there will be space for improvement and hope so it will be live in future in Dhaka city.

References

- [1]"Laravel document " V-07 for project: <https://laravel.com/docs/7.x>.
- [2] Dev.Com“2000-2021” (online)Available: [https://dev.com/tech- “blog/agile “advantages-for business. /](https://dev.com/tech-“blog/agile“advantages-for-business./)Accessed 2021.
- [3]"ERDplus," 2021. (Online). Available: <https://erdplus.com/>.
- [4]"Data Table," 2021. (Online). Available: <https://datatables.net>.
- [5]"git mind" 2021. (Online). Available: <https://gitmind.com/>.
- [6]"For diagram “follow (book) Sommerville, Database System Concepts.

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