

IDEA SHARE: An web application for creative Idea sharing

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This Project report has been submitted in fulfillment of the requirement for the
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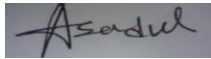


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Declaration

I hereby declare that I am working on this project with **Nishat Sultana**, **lecturer** in the department of Computer science and Engineering at Daffodil International University. I also declare that neither this project nor any portion of it has been submitted to any university for the award of any degree.

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APPROVAL

This project titled "**IDEA SHARE**" submitted by **Md.Asadul Islam, ID:163-15-8474** to the Department of **CSE**, Daffodil International University, has been accepted as satisfactory for partial fulfillment of the requirements for the degree of B.Sc in CSE and approved in concepts of style and content. The presentation has been held on **4.1.2022**.

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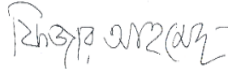
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Abstract

In a web-based application, the report is called "Idea-share". It is a web application whose primary goal is to provide high-quality ideas to users and administrators in order for them to find more useful information. Viwer can find a variety of good ideas. staying at time of place, manually to their requirements, or Admin calculate an expected benefits while present at the time of home. In the websites, everyone attempted to work with some of distinct events that set it apart from others. HTML, Cascading Style Sheets (CSS), bootstrap, and other applications.

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Introduction

It's just a simple project for an online Idea sharing system that's very simple to use. The primary principle is that individuals can share their ideas on the internet. Mentor can construct an online idea sharing site, users can explore the site, and a system administrator can authorize and manage lists of all categories using the Idea sharing system.

1.1 Motivation

For our project defense, we will set up a site (Idea share) only with name 'Idea share.' How could a user locate expected categories? Things that administrators or owners can find expected good ideas without physical work. It is a good web application that's launched during the pandemic to keep people safe and secure. The project categories this website are well organized, and the customer user interfaces are appealing to look at in order to provide them with a realistic web platform experience. The payment method is simple to use and secure. For the front-end design, javascript.

and jquery were used, as well as PHP and the PHP framework. This project was created using phpMyAdmin Server for the database on the back end part. In project application doing functionally have been experimented

1.2 Objective

Everyone can face in this pandemic that a big number of people in a vast country are afflicted by covid19 for a variety of causes. Many individuals are unable to leave their homes. The vast majority of individuals are on the lookout for an excellent concept. We established an online good idea a site to aid them, and they will have a good idea platform to safeguard them from being harmed by the epidemic. We occasionally notice that the internet and real-life concepts are not the same. The classification of the categories available online is poor, and consumers frequently express their dissatisfaction. Furthermore, because the administrator is unable to benefit in this case, we offered a decent website for idea sharing guidelines.

1.3 Overview

The project idea share allows customers to access information categories from any location via the internet. This system is interesting in that it shares some of the information found on many other webpages. Customers do not need to create an account in order to accumulate great ideas. They simply provide their name, web site address, address, and social network information, as well as their phone number. The system administrator examines the data and communicates with the user to determine what they want, how they can assist with the data, and whether they require a certain category of data.

1.4. Background

Many different types of idea sharing categories are available in the system. Customers select their category and get information about their good ideas from the Idea Share web portal. They may receive a lot of knowledge via the internet. They develop a concept and use the system to discount Amenities. Users can also view a variety of useful news stories in which many good ideas are presented. They access the category through the system, gather information, and obtain Amenities.

1.2.1 Benefits and Beneficiaries

Online platform has become a popular educative system method ever since the internet has declared a takeover. There are many individuals that are looking for other amazing alternatives good idea share for many others helps some one and online idea share is just the fix for that. There are many advantages of online idea share platform as many others person cannot go there mentors site but they get there many information collect the information . Here they want toh three categories collect their information this is the reason why online stores are a booming business today.

1.2.2 Goals

Users get their choice-able idea category from home or they can use the information from idea share. They know the categories of idea from online and they comparison the amenities with other idea share platform .

1.3 Stakeholders

Internal Stakeholders:

- 1) Admin
- 2) Add User

External Stakeholders:

- 1) Website visitors

2 Software Requirement Specification

2.1 Functional Requirements

- 1) The end user must be registered in the system.
- 2) The system need to provide user privacy.
- 3) All activities will be sortable and usable in real time.

2.2 Data Requirements

- 1) A user can properly view categories.
- 2) If the user selects a category, they must enter their personal information.
- 3) The administrator obtains information about the idea share and the user.

2.3 Performance Requirements

2.3.1 Requirements for Speed and Latency.

RSP	The system has to be ruthless.
Description	Its up to depends on Internet connection
Developer	Online Idea share
Stakeholders	User

2.4 Dependability Requirements

2.4.1 Reliability and Availability Requirements

RA-1	The system must be available.
Description	The system must be accessible at all times of the day and night.
Developer	Online Idea Share
Stakeholders	Admin User

2.4.2 Robustness or Fault-Tolerance Requirements

RFT-1	The system will handles system errors.
Description	The system handles all incoming data.
Originator	Clients
Stakeholders	Users

2.5 Support-ability Construction and Requirements

2.5.1 Ability supply assistance Requirements

On a technical level, the administrator must be knowledgeable of the system's behavior. The method enables some incorrect information, which the developer must correct.

2.5.2 Requirements for Scalability or Extensibility

The system is a web-based application. The system must be able to perform at design stage in order to fulfill all possible stakeholders.

2.6 Requirements of security

2.6.1 Access Requirements

To protect users' information, all information will be stored in a non-accessible form on the site. It is hard to decrypt the data.

2.6.2 Requirements of privacy

The system does not allow the user to access the database. Only the administrator will have access to the database, and the inventors' privacy will be protected.

2.7 Usability and Human-Interaction Requirements

2.7.1 Usability Requirements

The system will be constructed in such a way that users can easily understand it. The system provides them with the information they need to make to share good ideas.

2.7.2 Skills . in addition and Politeness Requirements

In the system, any visitor can find a good idea who they want or the developer can delete any types of categories in the future.

2.7.3 Requirements Accessibility

The system is designed in such a way that any type of user can attain access to the website via the internet.

2.8 Operational and Environmental Requirements .

2.8.1 Expected Physical Environment

ERP-1	The system will service from any kind environment.
Description	Need a internet connection for websites.
Developer	Users
Stakeholders	Users

2.8.2 Requirements of release.

There is no limitation that release requirements. The developers planned some additional information and release the information.

3 System Analysis

3.1 Use Case Diagram

The users and admin access in the system via the internet.

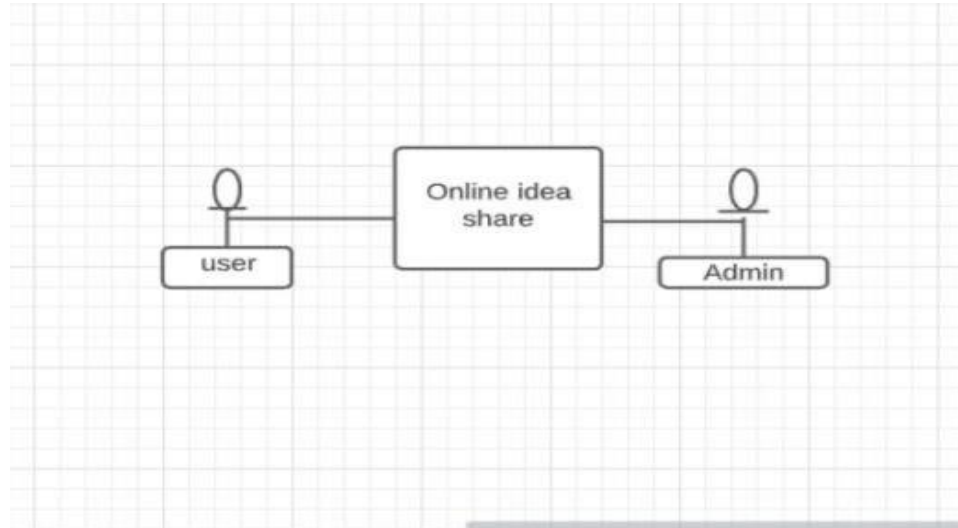


Figure1:SystemEnvironment

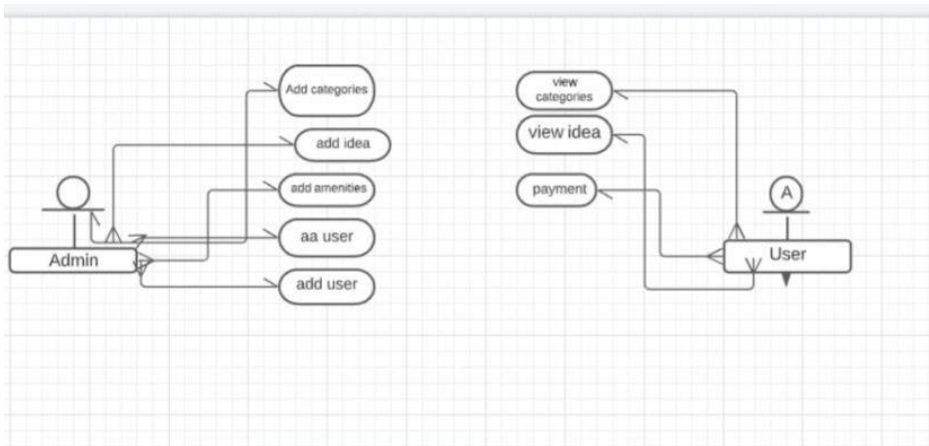


Figure2: Online Idea Share system

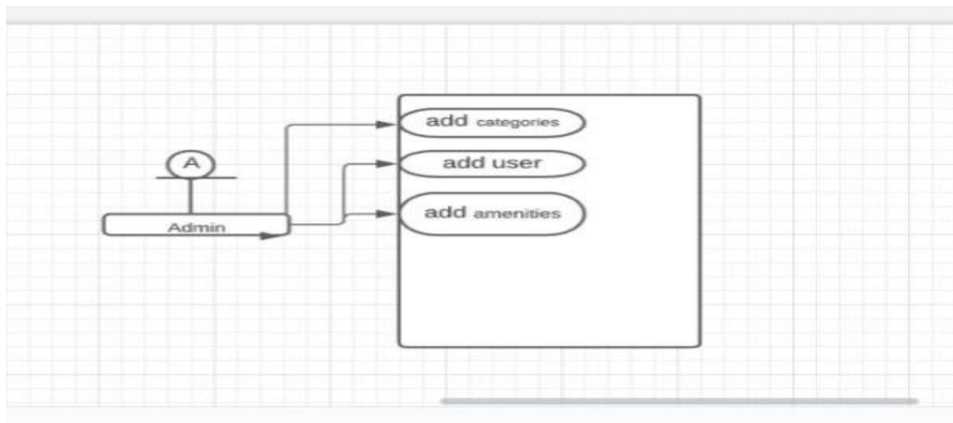


Figure3: Admin Use Case

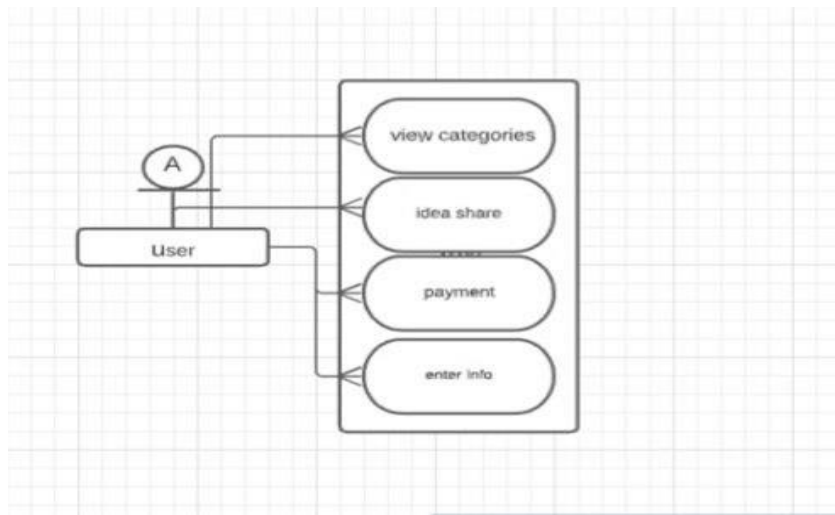


Figure4: User Use Case

3.2 Use Case Description :Add categories use case

Use Case	Addcategorie
Actor	Admin
Start	The admin can add categories
Scenarios	Just done by admin

Communicate with users

Use Case	Communicate with users
Actor	Admin
Start	The admin communicate with users
Scenarios	Just done by admin

View categories,buy Idea,search idea categories,enter user info.

Use Case	View categories,buy Idea,search idea categories,enter user info.
Actor	Users
Start	Any users can View,categories,search idea ,enter personal info at any find idea categories.
Scenarios	Any users can do view categories ,buy idea,search good idea,enter user info. `

3.3 Activity Diagram

Activity diagram is a another UML diagram. It is basically a flow chart from one activity to another activity.

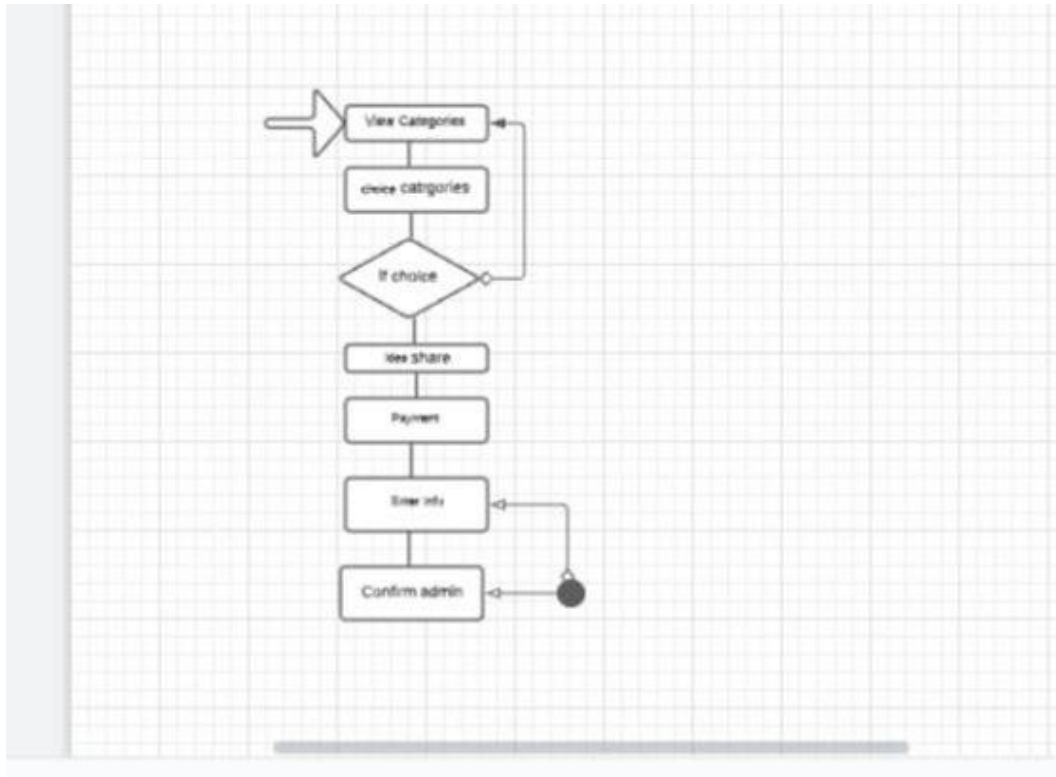


Figure6: Activity Diagram

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3.4 System Sequence Diagram

Sequence Diagram is an important UML diagram that shows how the system work.

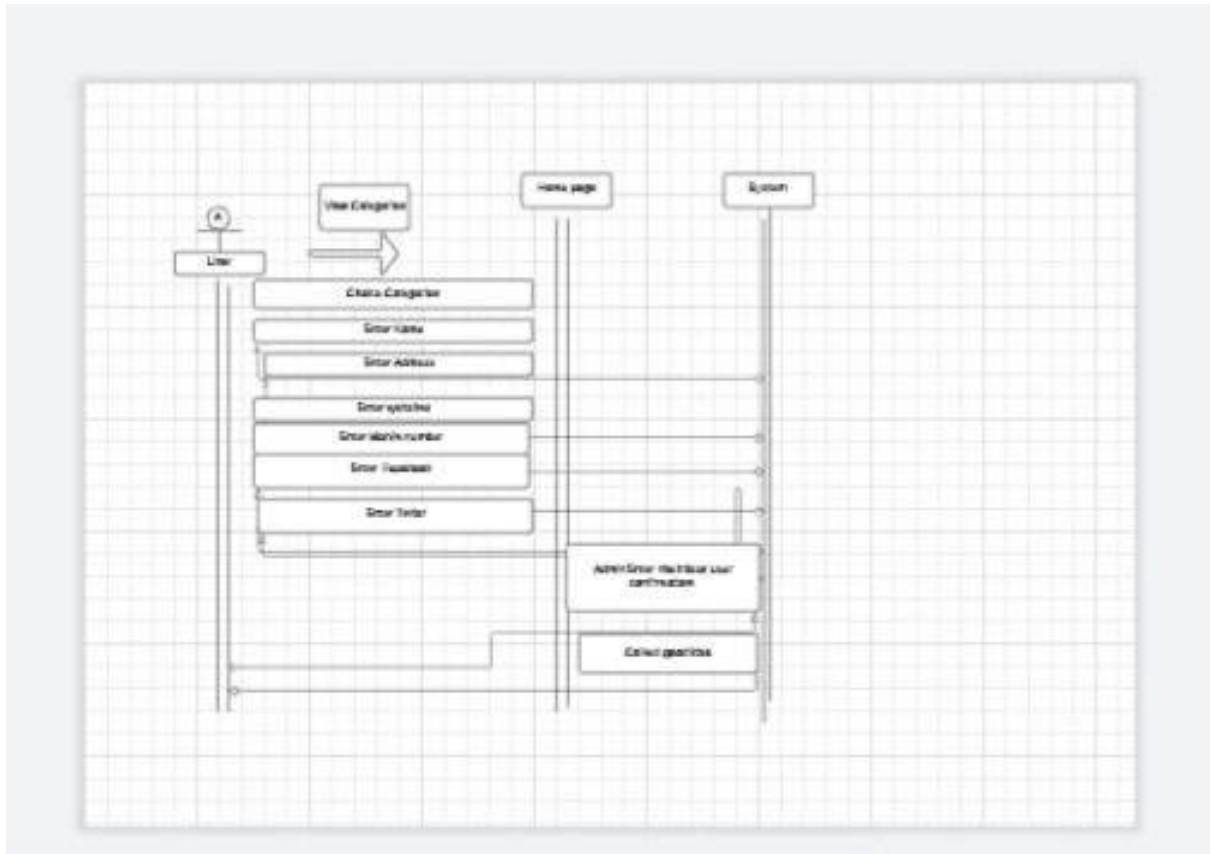


Figure7: Sequence Diagram

4 System Design Specification

4.1 Class Diagram

Class diagram is a important UML diagram that show how the system work.

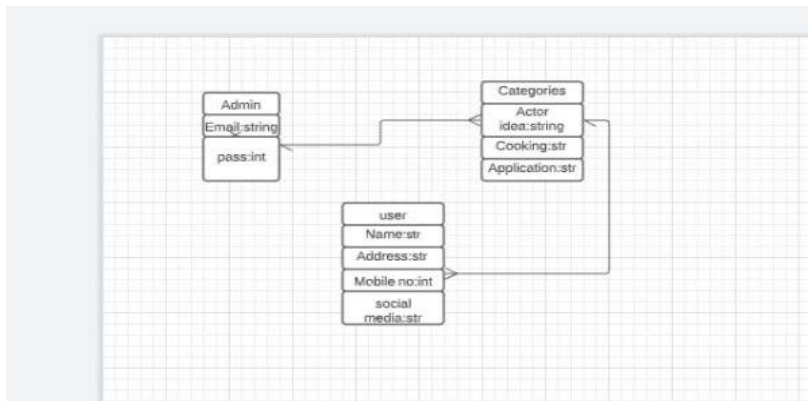


Figure8: Class Diagram

4.2 Database Diagram

Database diagram is a UML diagram that show how the system database work. How the system work, we know from the database diagram.

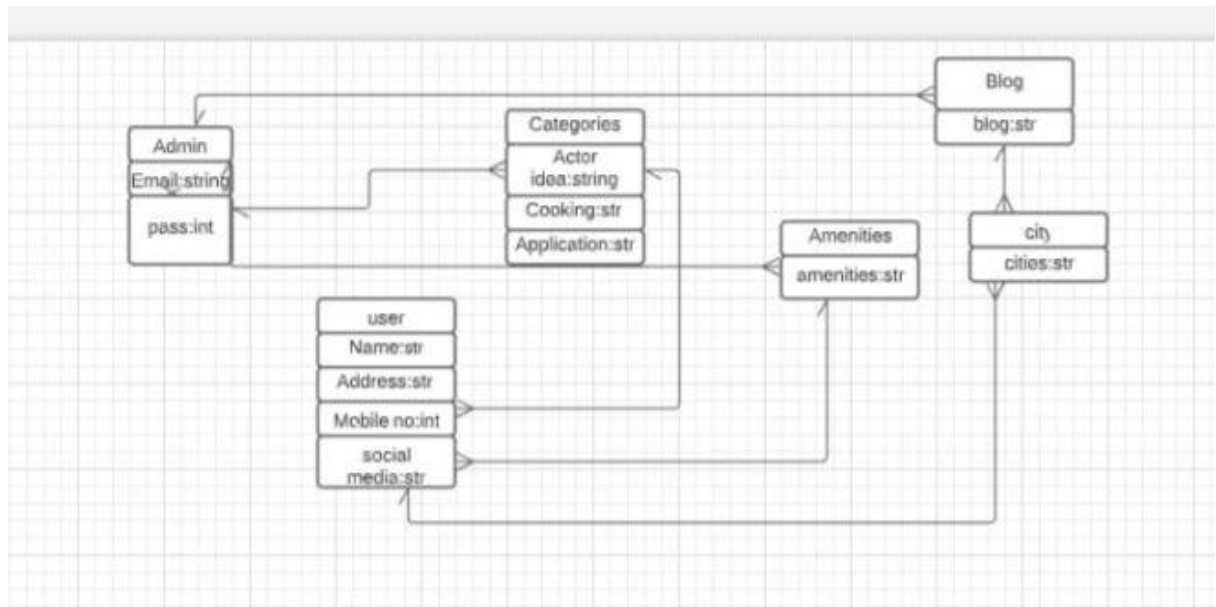


Figure9: Database Diagram

4.3 Development Tools & Technology

4.3.1 User Interface Technology

4.3.1.1 PHP

PHP means Personal home page. It is a language. The online Idea share system is designed by HTML, CSS3.

4.3.1.2 JavaScript Framework

JQuery

4.3.1.3 CSS Framework

Bootstrap 4

4.3.1.4 Server

Apache Server

4.3.1.5 Database

MySql

4.4 Implementation Tools & Platforms

4.4.1 PHP Storm

This system is developed by PHP Storm. It is a commercial, cross-platform IDE for PHP.

4.4.2 MySQL Community Server

To develop this system I use MySQL Community Server.

4.4.3 Apache HTTP Server

To develop this system to run I use Apache HTTP Server.

4.5 Relationship with the Project

To know our project user function performance test was by measure to near our project supervisor. All of us input their info but also got the good output. It was very nice web application..

5 .Implementation and project testing

Our project back end data storage in the phpmy admin. All the info data is storage in the functional system.

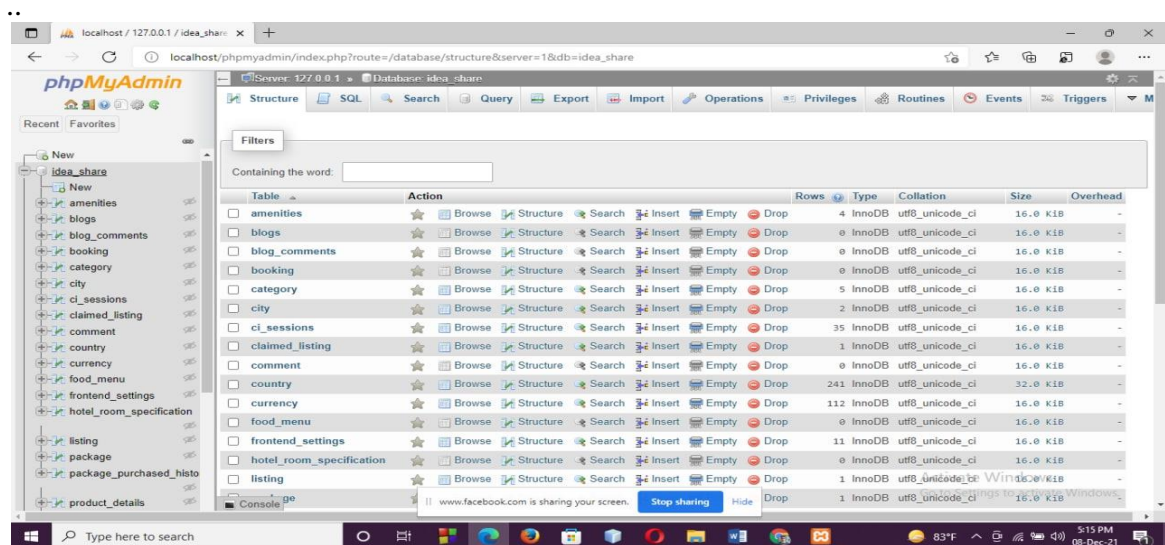


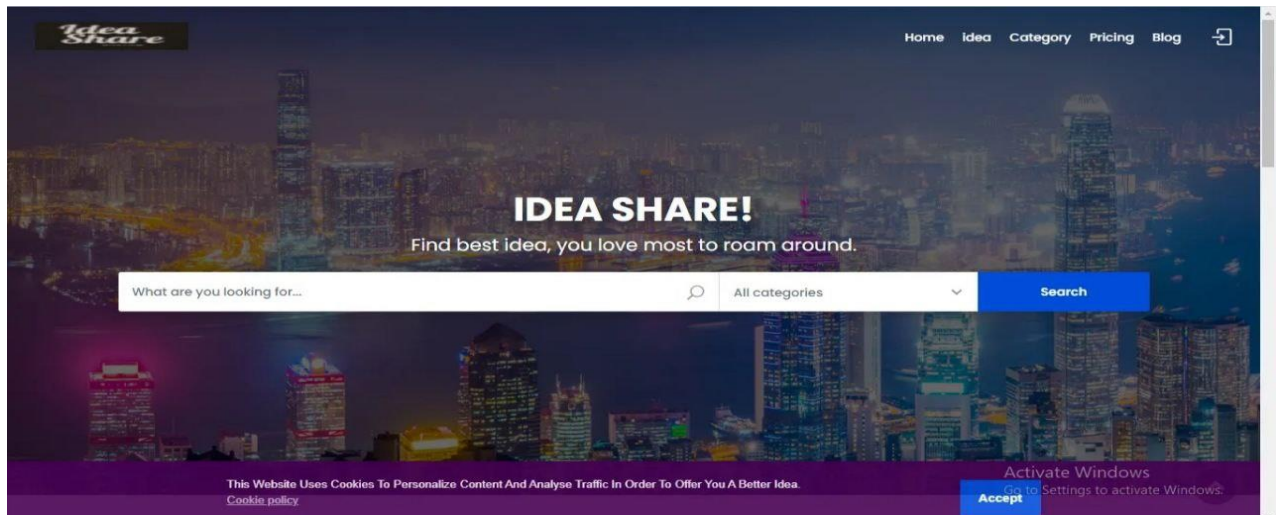
Figure 5.5.1 database

5.1 Project Categories of front end Design

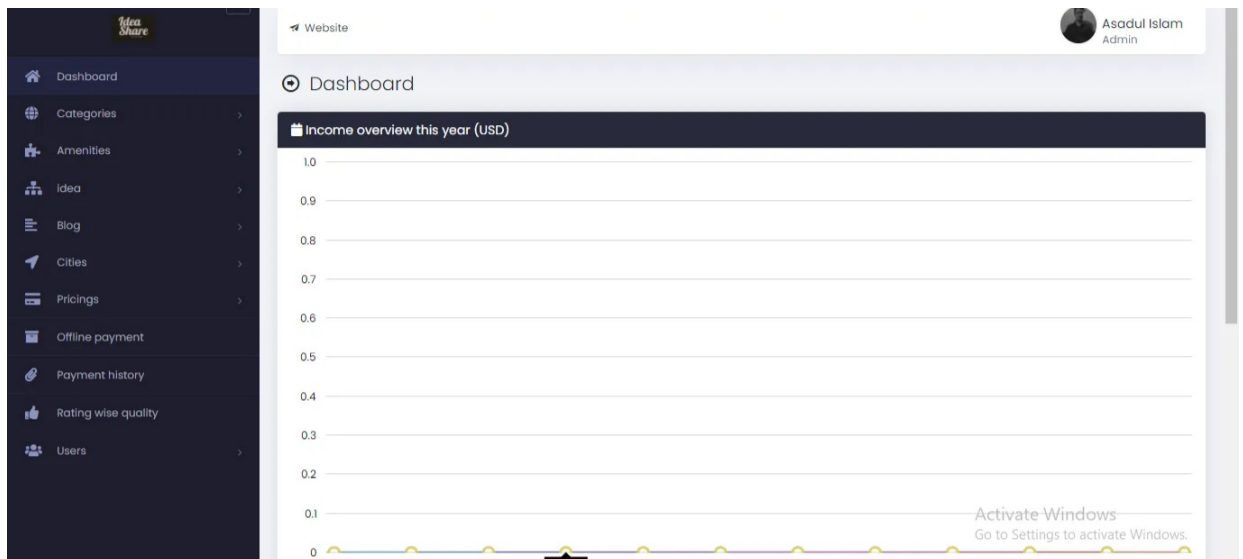
Our project functional design is given such as:

Interface Part: In this project login page simply there need log in or registration then on access to inside part. Here the some option project given below such as; @Daffodil International University.

- 1.Idea.
- 2.Categories.
- 3.Pricing.
- 4.Blog.
- 5.Login or signup go to bar.



Dashboard



Three Categories Part.

The screenshot shows the 'Categories' management page. The left sidebar contains navigation options: Dashboard, Categories, Amenities, Idea, Blog, Cities, Pricings, Offline payment, Payment history, Rating wise quality, and Users. The main content area is titled 'Categories' and features a '+ Add new category' button. Three category cards are displayed:

- Actor Idea's**: 1 Sub categories
- Cooking Idea's**: 1 Sub categories
- Application's Idea's**: 0 Sub categories

Each card has an 'Edit' button and a 'Delete' button. The footer includes 'Idea Share | © 2021 by Soju' and a Windows activation notice.

Add Categories as Amenities part:

The screenshot shows the 'Amenities' management page. The left sidebar is the same as in the previous screenshot. The main content area is titled 'Amenities' and features a '+ Add new amenity' button. Below the title is a search bar and a table listing amenities:

#	Icon	Amenity name	Options
1		Drinks	Action
2		Tea	Action
3		Biscuit	Action
4		Coffee	Action

At the bottom, it says 'Showing 1 to 4 of 4 entries'. There is also a Windows activation notice.

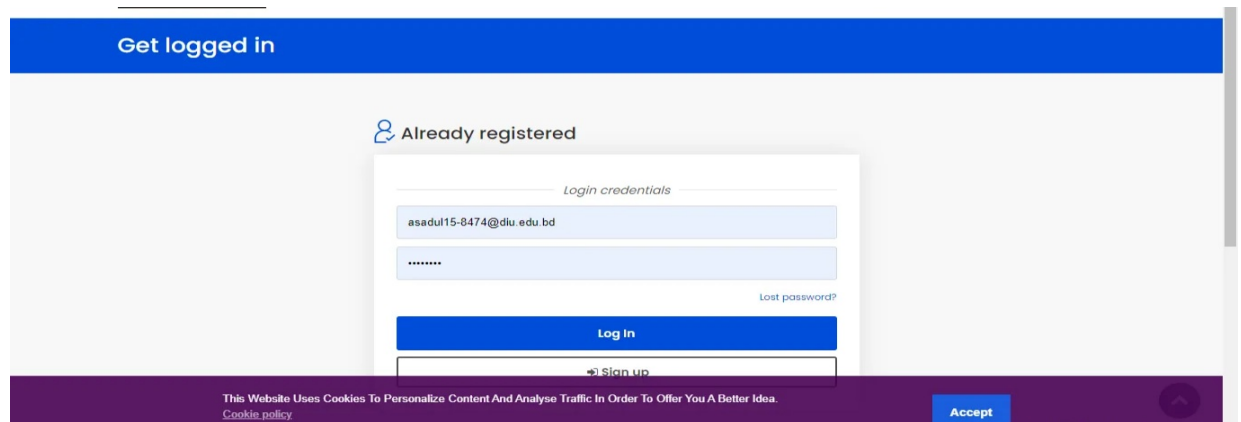
Popular Categories:

The screenshot shows the 'Idea Share' website. At the top left is the 'Idea Share' logo. The top right navigation menu includes 'Home', 'Idea', 'Category', 'Pricing', and 'Blog'. The main content area is titled 'Popular categories' and features three dark blue buttons: 'Actor Idea's (0)', 'Application's Idea's (1)', and 'Cooking Idea's (0)'. Below each button is a white box with a grid icon and '(0)' followed by a right-pointing arrow. The footer is divided into four columns: 'Quick Links' (About, Terms and conditions, Privacy policy, Faq), 'Categories' (Actor Idea's, Cooking Idea's, Application's Idea's), 'Contacts' (Dhaka, 01748683949, asadul15-8474@diu.edu.bd), and 'Follow us' (Facebook, Twitter, Google+, Pinterest, Instagram icons).

Login or signup:

The screenshot shows a login/signup form on a website. At the top is a blue banner with the text 'Get logged in'. Below it, the text 'Already registered' is displayed with a person icon. The form is titled 'Login credentials' and contains two input fields: the first contains the email 'asadul15-8474@diu.edu.bd' and the second contains a masked password '.....'. A 'Lost password?' link is located to the right of the password field. Below the input fields are two buttons: a blue 'Log In' button and a white 'Sign Up' button with a right-pointing arrow. At the bottom of the page, a purple footer contains the text 'This Website Uses Cookies To Personalize Content And Analyse Traffic In Order To Offer You A Better Idea.' with a 'Cookie policy' link and an 'Accept' button.

Admin board or Login:



Admin functional part: The project admin functional part, Admin can see all the user details, Categories, Amenities Idea, Blog, Cities, Pricing Offline Payment, Users. The client sent a info but on the behind the admin seen the message. The functional pannel delet the user info user and amenities.

Categories: In the project there three types of categories as, Actor idea, Cookings ideas or Applications ideas.

5.2 Testing Features

The testing features includes functional and non-functional requirements online idea share System.

5.2.1 Features to be tested

The following features to be tested during testing of the application.

Features	Priority	Description
Add categories	3	Admin add categoriest in the system
Delete Categories	2	Admin delete a categoriest from the system
Confirm Amenities	4	Admin must confirm a amenities.
Search	1	Search option work rightly or not
Idea	2	Admin check all user info system that the categories is correctly described or not

5.2 Testing Strategies

5.2.2 Test Approach

Testing part of project :The testing stage is also known as functional logical testing because that ignores any internal system functions. I've opted to do similarity division and limit value analysis for the online idea sharing system..

5.2.2 Pass or Fail

Features	Pass or Fail
Add Categories	Pass
Delete amenities	Pass
Add sub categories	Pass
Mobile Number	Pass
Search	Pass
Idea	Pass

5.2.3 Testing Schedule

This section/part will describe system testing schedule.

Test Phase	Responsible Person	Time
Test plan creation	Project manager	1 week
Unit testing	Developer	2 week
Component testing	Developing team	Developing time
Integration testing	Testing team	1 week
Performance testing	Testing team	1 week
Load testing	Testing team	1 week
Use case testing	Testing team	1 week

5.2.4 Traceability Matrix

Test Part are :

Test id	Test case name	Steps	Data	Outcome
1	Search	Access to go home page. search option on. Search any find good idea..	Laptop	Successful
2	Email	Access to admin part. Any Categories on. Enter email	asadul15- 8474@diu.edu.bd	Successful

6.1 Project design of front end part:

The user front end part the part is client interface, also called as user development sites. In this application is the shown interface part of the website. This project is displayed by user interface organized is done by html, css, JQuery, and JavaScript. In the project process, the client access the data and attract to it. In the web application is client interaction and usable without any situation or reason. It was mainly use Html, CSS, JQuery, and JavaScript language for the purpose of designs part. Sublime, v code, xampp. It is made easy and usable this application of run this websites.

6.2 Project design of backend part:

In the project's function categories is the back-end design. Whole project's functional and logical experiments take place in the backend. For the project design backend, PHP application are used. The back-end handles all operations scenes of the application. Database, access, accuracy, and recovery are just a few of the factors..

CONCLUSION AND SCOPE OF FUTURE WORK

There are numerous websites that have both difficulties and benefits; it all relies on the quality of the project. It was created using html, css, JavaScript, php, and so on. In the future, it will make its useable based on user stable. This is a web-application program. In the future, we want to provide an iOS and Android version. We want to add additional features and services to our application in the future. We will improve its security and usability.

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