“EVENT MANAGEMENT SYSTEM”

BY

TOUFIQUR RAHMAN TAMKIN

ID: 181-15-10609

AND

MD.RASEL ANSARY REMON

ID: 181-15-10514

This Report Presented in Partial Fulfillment of the Requirements for the Degree of Bachelor of Science in Computer Science and Engineering

Supervised By

Shah Md. Tanvir Siddiquee
Assistant Professor
Department of CSE
Daffodil International University

Co-Supervised By

Md. Tarek Habib
Assistant Professor
Department of CSE
Daffodil International University

DAFFODIL INTERNATIONAL UNIVERSITY

DHAKA, BANGLADESH

5TH JANUARY 2022

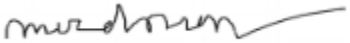
APPROVAL

This Project titled "**Event Management System**", submitted by **Toufiqur Rahman Tamkin and Md. Rasel Ansary Remon** to the Department of Computer Science and Engineering, Daffodil International University, has been accepted as satisfactory for the partial fulfillment of the requirements for the degree of B.Sc. in Computer Science and Engineering and approved as to its style and contents. The presentation has been held on

BOARD OF EXAMINERS

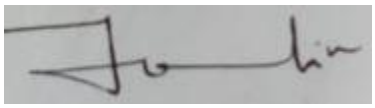
Chairman

Dr. Touhid Bhuiyan (DTB)
Professor and Head
Department of Computer Science and Engineering
Faculty of Science & Information Technology
Daffodil International University



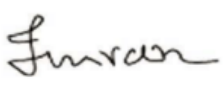
Internal Examiner

Md. Riazur Rahman (RR)
Assistant Professor
Department of Computer Science and Engineering
Faculty of Science & Information Technology
Daffodil International University



Internal Examiner

Md. Ohidujjaman Tuhin (MOT)
Assistant Professor
Department of Computer Science and Engineering
Faculty of Science & Information Technology
Daffodil International University



External Examiner

Shah Md. Imran
Industry Promotion Expert
LICT Project, ICT Division, Bangladesh

DECLARATION

We hereby declare that, this project has been done by us under the supervision of **Shah Md. Tanvir Siddiquee,Assistant Professor, Department of CSE** Daffodil International University. We also declare that neither this project nor any part of this project has been submitted elsewhere for award of any degree or diploma.

Supervised by:

Shah Md. Tanvir Siddiquee
Assistant Professor
Department of CSE
Daffodil International University

Co-Supervised by:

Md. Tarek Habib
Assistant Professor
Department of CSE
Daffodil International University

Submitted by:

Toufiqur Rahman Tamkin
ID: 181-15-10609
Department of CSE
Daffodil International University

Md. Rasel Ansary Remon
ID: 181-15-10514
Department of CSE

ACKNOWLEDGEMENT

First we express our heartiest thanks and gratefulness to almighty God for His divine blessing makes us possible to complete the final year project/internship successfully.

We really grateful and wish our profound our indebtedness to **Shah Md. Tanvir Siddiquee**, **Assistant Professor**, Department of CSE Daffodil International University, Dhaka. Deep Knowledge & keen interest of our supervisor in the field of "*Web Project*" to carry out this project. His endless patience, scholarly guidance, continual encouragement, constant and energetic supervision, constructive criticism, valuable advice, reading many inferior drafts and correcting them at all stage have made it possible to complete this project.

We would like to express our heartiest gratitude to **Professor Dr. Touhid Bhuiyan** and Head**,** Department of CSE, for his kind help to finish our project and also to other faculty member and the staff of CSE department of Daffodil International University.

We would like to thank our entire course mate in Daffodil International University, who took part in this discuss while completing the course work.

Finally, we must acknowledge with due respect the constant support and patients of our parents.

ABSTRACT

In this project we have created a system which is called event management system. As we know nowadays peoples are organizing different types of events. It may be a commercial event or an official event or a social event. So, to accomplish the event there is no such platform where someone can easily get service properly according to their needs. So here our thinking comes to make such a thing that can make this possible to organize all requirements together. in our event management where every user can find all their requirements under the hood. By using our system users can find multiple venues, multiple vendors, multiple catering, and so on, and for this user can choose which service provider is suitable for them. And get the premium service according to their expectation. User can also save money and time as well, like right now when we are organizing an event, we can't find all the requirements at one place for that we need to move a lot like for venues we have to go to the convention hall, again for arranging food we have to go to the catering service. So, it takes a lot of time and money. And by wasting a lot of time while organizing the event person can't enjoy the event much. Users can save both money and time here using this system because we are going to compress all the requirements here in our system. This system will help them a lot while organizing the event.

TABLE OF CONTENTS

CONTENT		PAGE NO
Board of examiner		i
Declaration		ii
Acknowledgements		iii
Abstract		iv

CHAPTER		PAGE NO
CHAPTER 1: INTRODUCTION		**1-4**
1.1	Introduction	1
1.2	Motivation	2
1.3	Objectives	2
1.4	Expected Outcome	3
1.5	Report Layout	4
CHAPTER 2: BACKGROUND		**5-7**
2.1	Introduction	5
2.2	Related Works	6
2.3	Comparative Studies	6
2.4	Challenges	7
2.5	Scope of the Problem	7

CHAPTER 3: REQUIREMENT SPECIFICATION 8-1

3.1 Business Process Modeling 8
3.2 Requirement Collection and Analysis 9
3.3 Use Case Modeling and Description 9
3.4 Admin use case 10
3.5 User use case 10
3.6 Logical data model 11
3.7 Design Requirements 11

CHAPTER 4: DESIGN SPECIFICATION 12-34

4.1 Front-end Design 12
4.2 Back-end Design 31
4.3 Implementation Requirements 34

CHAPTER 5: IMPLEMENTATION AND TESTING 35-37

5.1 Implementation of Database 35
5.2 Implementation of Front-end Design 35
5.3 Testing Implementation 36
5.5 Test Results and Reports 37

CHAPTER 6: CONCLUSION AND FUTURE SCOPE 38

6.1 Discussion and Conclusion 38
6.2 Possibilities for Future Developments 38

APPENDIX 39

REFERENCES 40

LIST OF FIGURES

FIGURES	PAGE NO
Figure 3.1.1: Block diagram	5
Figure 3.3.1: Admin use case	10
Figure 3.3.2: User use case	10
Figure 3.4.1: Logical data model diagram	11
Figure 4.1.1: Login and Registration Screen	12
Figure 4.1.2 : Home and Navigation	14
Figure 4.1.3 : Category and Vendors	15
Figure 4.1.4 : Cart	16
Figure 4.1.5 : Contact Us	16
Figure 4.1.6 : Dashboard	17
Figure 4.1.7 : Admin panel all orders	17
Figure 4.1.8 : Admin panel manage packages	19
Figure 4.1.9 : Admin panel add or remove admins	19
Figure 4.1.10 : Admin panel all shop list	20
Figure 4.1.11 : Admin customer reviews	20
Figure 4.1.12 : Admin Wallet	20
Figure 4.1.13 : Subscribers	21
Figure 4.1.14 : About Us	21
Figure 4.1.15 : Testimonial	22

FIGURES	PAGE NO
Figure 4.1.16 : Vendor Page	23
Figure 4.1.17 : Shop apply page	23
Figure 4.1.18 : Package add page	24
Figure 4.1.19 : My Package for vendor	24
Figure 4.1.20: My Shop for vendor	25
Figure 4.1.21: Dashboard for customer	25
Figure 4.1.22: Cart for customer	26
Figure 4.1.23: Review page for customer	26
Figure 4.1.24: Vendor contact page for customer	27
Figure 4.1.25: Admin contact page for customer	27
Figure 4.1.26: Facebook integrated chat page for customer	28
Figure 4.1.27: Shops	29
Figure 4.1.28: Individual Shop Product	30
Figure 4.2.29: Orders	31
Figure 4.2.30: Packages	31
Figure 4.2.31: Reviews	32
Figure 4.2.32: Shops	32
Figure 4.2.33: Users	33
Figure 4.2.34: Subscribers	33

LIST OF TABLES

TABLES	PAGE NO
Table 5.4.1: Test case evaluation	37

CHAPTER 1
INTRODUCTION

1.1 Introduction

Over the last decade, the events sector has expanded very fast. We have seen a considerable increase in the size of the 'Event Management Industry' over the previous ten (ten) years. Because this business is rapidly expanding, most industry specialists believe that we are only at the start of a new age in our nation. Previously, in order to organize a program, one had to manage all of the activities by themself. In Bangladesh, the number of nuclear families is growing, and time is a major restriction, thus individuals are unable to participate in these activities as they previously did. A successful event needs the ability to arrange all the things. There are many jobs to undertake at different stage of the event planning process and could be negotiating a hotel contract, meeting with a customer to talk about possible guest speakers, reserving a caterer, interviewing rental providers. And that's just for one occasion. When we have many events in the planning stages at the same time, it's a hard task. Successful event planners must be able to multitask successfully and maintain multiple things of the event moving forward at the same time without falling behind on any of them. In our application users can browse different locations, suppliers, catering options, and other services utilizing our system, and then choose which service provider is best for them and they will receive best service that meets their expectations.

1.1 Motivation

Organizing an event takes a lot of effort and time. A significant amount of work is needed for an event to be successful. That is why organizing an event is almost impossible for one person to do. That is where our Event Management System comes to work. It reduces a lot of work that we had to deal with on our own. It not only reduces the work but also saves time. Because moving one place to another to another to get different vendor is a tough work. Our system has every aspect of any event programmed on itself. When we have many events in the planning stages at the same time, it's a juggling act. Whether it is an official event or a social one, our system has it all. It has all kind of vendor that is needed to complete a event successfully. From personal experience, I can say that it's really difficult to organize an event by oneself. I faced so many difficulties when I was organizing a family event a few months back. Going to and forth from different vendors, caterers and venues is not an easy job. I had to go to different vendor and also, I had no idea which vendors were good and which vendor provides bad service. So, I had to go different places in the city in search of a good vendor. As a result, I was barely able to participate in the event myself. I was very busy taking care of the guest as they came up. From here I was motivated to create such a system where everything needed for organizing such events could meet. That is why I decided to create our Event Management System. By using this system one can find everything related to any kind of event they are hoping to organize.

1.2 Objective

We are going to start a new era in our event management where every user can find all their requirements under the hood. By using our system users can find multiple venues, multiple vendors, multiple catering, and so on, and for this user can choose which service provider is suitable for them. And get the premium service according to their expectation. User can also save money and time as well, like right now when we are organizing an event, we can't find all the requirements at one place for that we need to move a lot like for venues we have to go to the convention hall, again for arranging food we have to go

to the catering service. so, it takes a lot of time and money. And by wasting a lot of time while organizing the event person can't enjoy the event much. Users can save both money and time here using this system because we are going to compress all the requirements here in our system. so, this system will help them a lot while organizing the event.

All aspect of the event is covered by our event management system, which includes:

- Management of the venue, logistics, and catering (contracts, permits, insurance, etc.)
- Speakers and moderators
- Sports and activities
- Promotion and marketing (website & online promotion; media relations; social media, etc.)
- Management of sponsors and partners
- Responsibilities and supervision of volunteers

1.5 Expected Outcome

Users will be able to browse different locations, suppliers, catering options, and other services using our system, and then pick which service provider is best for them. And they will receive best service that meets their expectations. Users may also save money and time. For example, while planning an event, we can't locate all of the needs in one place, so we have to move around a lot for different things. For venues, we have to go to the convention center, and for food, we have to go to the catering service. As a result, it requires a significant amount of time and money. And by spending a lot of time planning the event, the individual would be unable to really enjoy the event. Users will be able save money and time by choosing our system since all of the needs will be compressed in one system.

1.6 Report Layout

We'll discuss about the study's content in this part. The first chapter discusses how to build up a management system, why we picked this project, what its purpose is, and what the expected outcomes are. Model the technical requirements after that. In the third chapter, we spoke about market analysis and what the project requires to accomplish. We also reviewed background research and related projects, as well as similar project analyses and problems, as well as the difficulty of the subject in the second chapter. The event diagram, the chain, the ER diagram, and the state diagram were all described in the next section. The following chapter covered front end design and backend architecture, as well as customer experience and application standards.

In the following section, we looked at how the database is built, how front-end designs are executed, and how a handful of project guide may help people understand how the project works. Following that, we went over various test cases and test implementations. In the following part, we discussed the environmental and societal consequences. In the last chapter, we discussed anticipated advancements and discoveries.

CHAPTER 2

Background Studies

2.1 Introduction

Event planning has a promising future in Bangladesh. There will be an increase in demand for these services, and more event management companies will join the sector. Event management is currently considered a bright.

To be successful in this industry, we must have good management and the ability to handle difficult situations while maintaining a strong commitment. Most, important thing is to provide consumer high-quality services. There are several types of events that happens in our country : Wedding preparations, birthday parties, engagements, get-togethers, social gatherings, money raising for huge clubs, charity trusts, and other social events are all examples of social events. Meetings, seminars, conferences, training programs, yearly picnics, and award celebrations are examples of corporate events. Movie promos, celebrity evenings, music/video releases, award nights, and other entertainment events are examples. Conferences, education exhibitions, college festivals, picnics & holidays, and yearly sports are examples of educational events.

2.2 Related Work

One person managing their own event is quite challenging. It may be said that no good web application exists. There is no website in our country that allows us to connect the multiple vendors through website. We are going to merge all the vendor into a single website. This is how our event management web app will work.

2.3 Comparative Studies

From personal experience, I can say that it's really difficult to organize an event by oneself. I faced so many difficulties when I was organizing a family event a few months back. Going to and forth from different vendors, caterers and venues is not an easy job. As a result, I was barely able to participate in the event myself. I was very busy taking care of the guest as they came up. From here I was motivated to create such a system where everything needed for organizing such events could meet. That is why I decided to create our Event Management System. By using this system one can find everything related to any kind of event they are hoping to organize. We are going to start a new era in our event management where every user can find all their requirements under the hood. By using our system users can find multiple venues, multiple vendors, multiple catering, and so on, and for this users can choose which service provider is suitable for them. And get the premium service according to their expectation. User can also save money and time as well, like right now when we are organizing an event we cant find all the requirements at one place for that we need to move a lot like for venues we have to go to the convention hall, again for arranging food we have to go to the catering service. so it takes a lot of time and money. And by wasting a lot of time while organizing the event person can't enjoy the event much. Users can save both money and time here using this system because we are going to compress all the requirements here in our system. so this system will help them a lot while organizing the event.

2.3 Challenges

We ran into a number of problems while working on this project. We had to create a system for three different role. The back end of this project was built with Node JS, Express JS, and Mongo Db, while the front end was built with React JS and Material UI Bootstrap. To make it load faster, we need to build a basic and lightweight design. Customer information, garage owner information, and administrative information must all be kept up to date.

2.5 Scope of the Problem

Event management refers to the process of booking an event using web-based tools. Its primary back-end programming languages are Node JS, Express JS, and Mongo Db. We've concentrated on making the booking system easier to use and more efficient for users. Our goal is to reduce manual data entering and maintain data accuracy as well as data security during the data processing process. Customers will be able to observe the event together with the necessary report. Users will also be able to get a visual confirmation that the reservation was successfully placed.

CHAPTER 3

Requirement Specification

3.1 Business Process Modeling

A graphical illustration of a business process or workflow, as well as its connected sub-processes, is referred to as a business process model. Process modeling gives us detailed, activity diagrams which reveal key details about how a process works, such as the following:

- Within a process, events and actions take place.
- Who owns or organizes those activities and events?
- Decision points and the many courses that processes might follow depending on their results
- Devices that are used in the process
- Timelines for the entire procedure as well as each individual phase
- The process's successful and unsuccessful rates

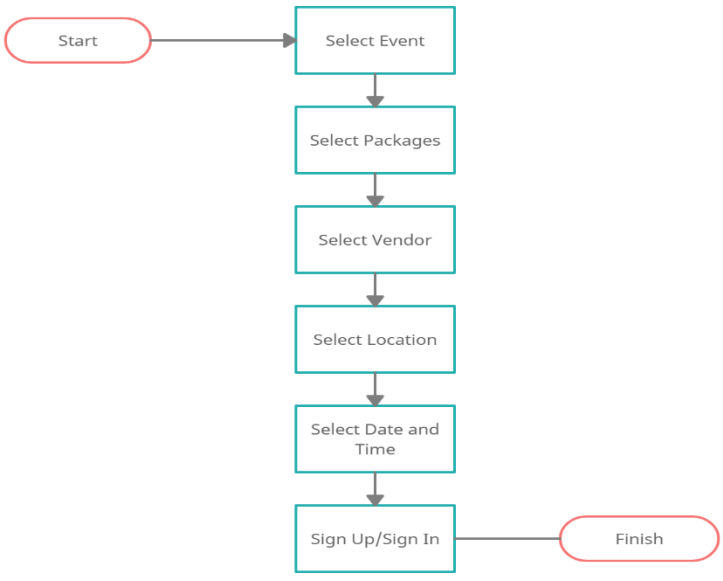


Figure 3.1: Block diagram

3.2 Requirement Collection and Analysis

3.2.1 **User**: User can select different events and choose vendors from the event. User have to login before placing order or booking.

3.2.2 **Vendor**: Vendors will have to login to browse their shop. They can add products form that store. Vendors need admin approval to register their store.

3.2.3 **User Booking process**: User can browse different category then select a category from then select the required vendors and services. But before placing order user have to login to the system.

3.2.4 **View Bookings**: This will allow users to view all of their prior bookings made through our system. And the reservations' location, as well as all the data such as booking type, payment, and location, among other things.

3.2.5 **Admin**: Admins have full access to anything in this project. The Admin can see how many people are using the system, and can create a new service area. Admin can add host and user manually or delete user or host.

3.3 Uses-Case modeling & Description

In the UML Diagram, a use context diagram can explain one project details, we will need a set of certain symbols and relationships. It may help a team debate and portray. A good use case diagram may help your team debate and portray the following topics. We know a use case diagram can explain the specifics of a project. We should have some relationships.Interactions between your system or application and people, organizations, or external systems

- Goals that system or application assists those entities in achieving
- Your system's capabilities

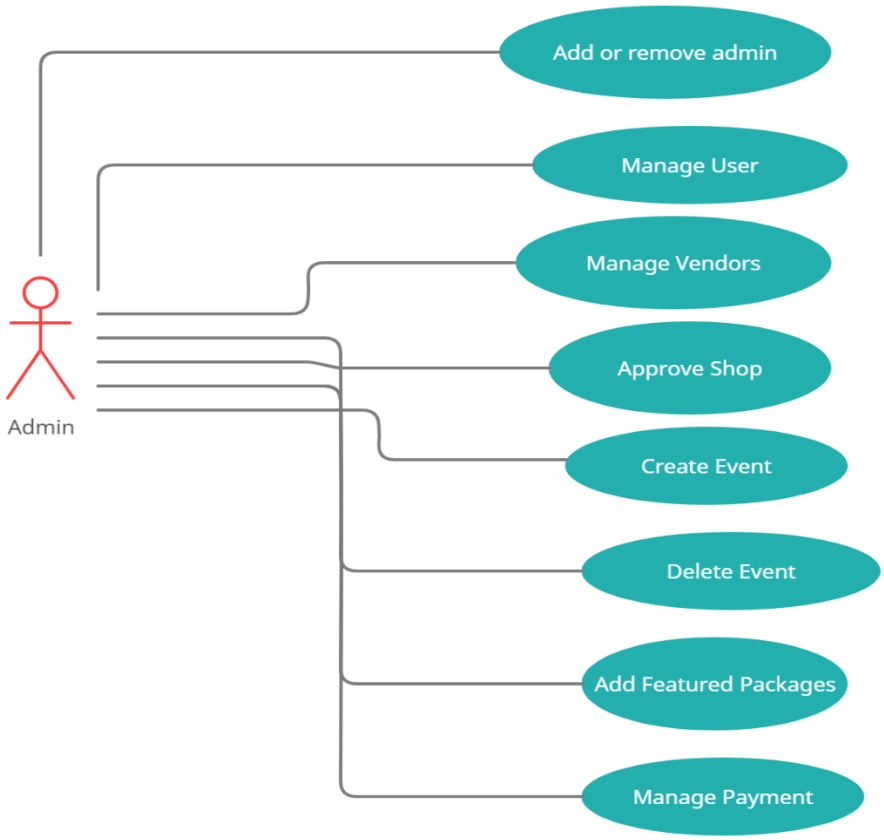


Figure 3.1: Admin use case

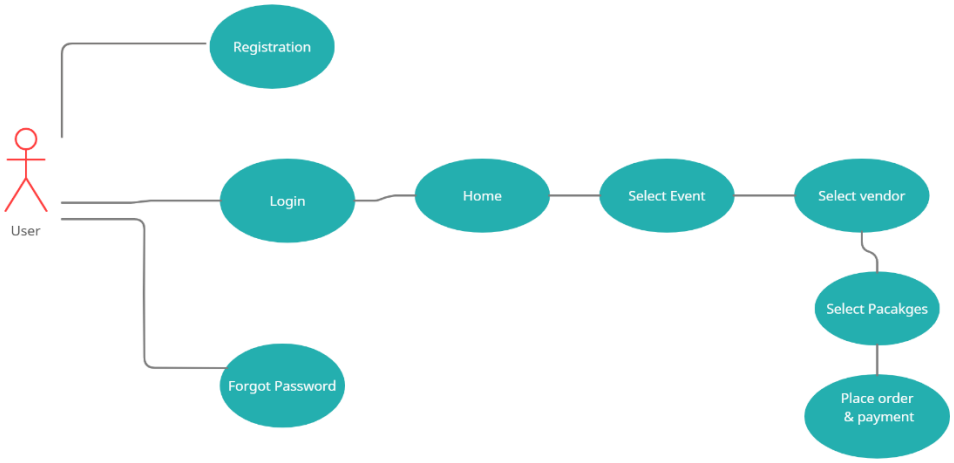


Figure 3.2: User use case

3.4 Logical Data Model

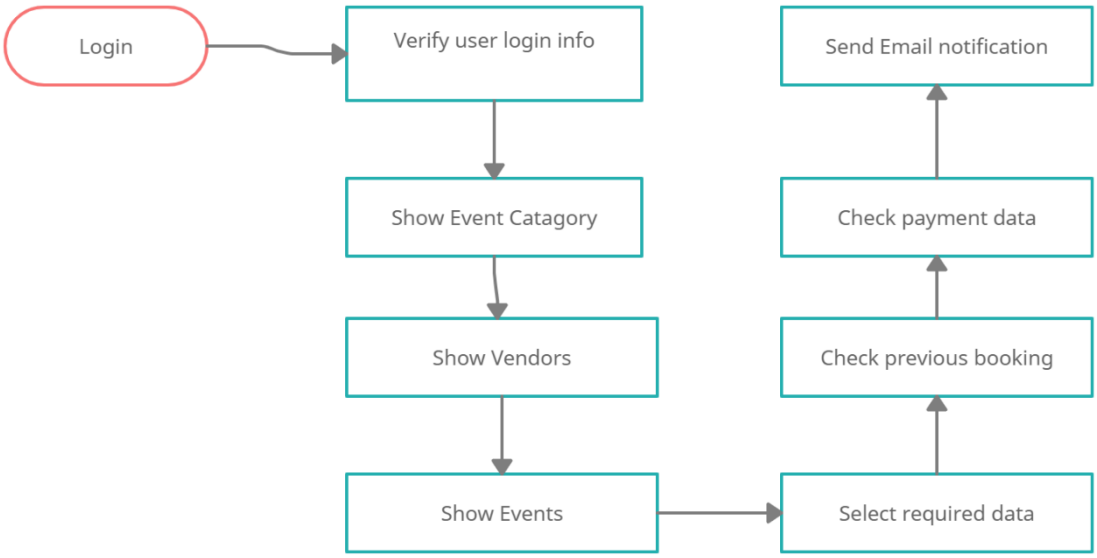


Figure 3.3: Logical data model diagram

3.5 Design Requirements:

Our project is built with react Js and node Js. It is a MERN stack application. In the backend, we implemented Node/Express, and in the frontend, we implemented React.

React is now just used for the frontend view. We need to save data from the backend API while also allowing for routing. We'll utilize React router and Redux to do this. Actually, we can avoid using Redux by constructing three containers: one for each of the following: list of blog articles, contact us, and blog post information. Each container will have its own data (local state) that will not be shared with others.

CHAPTER 4

Design Specification

4.1 Front-End Design

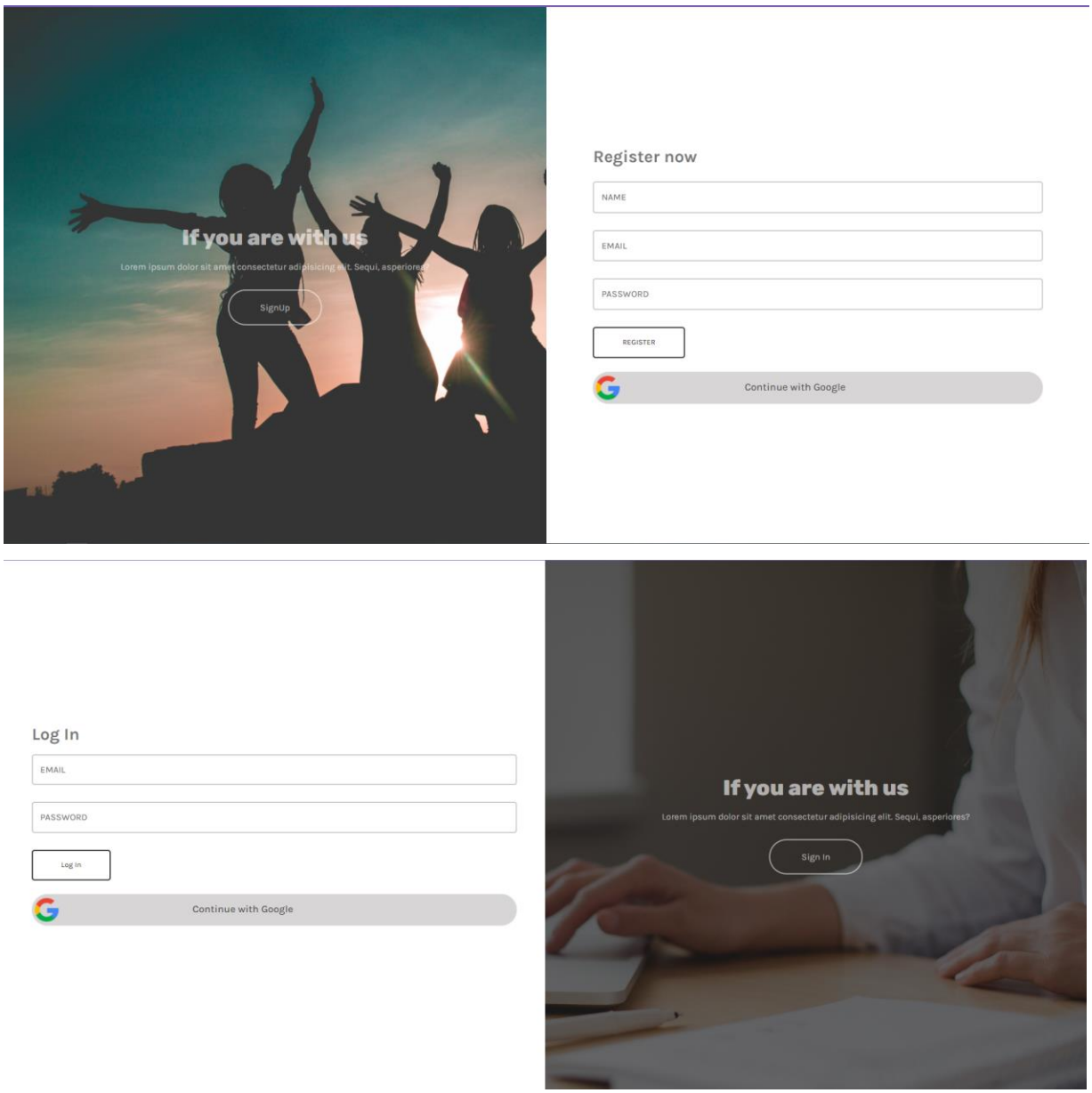
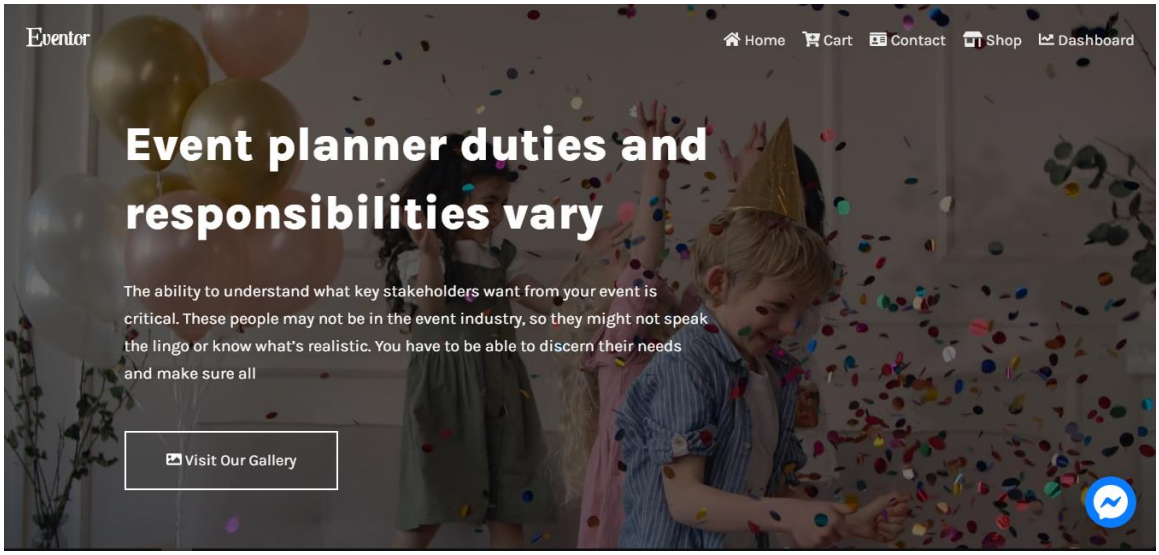
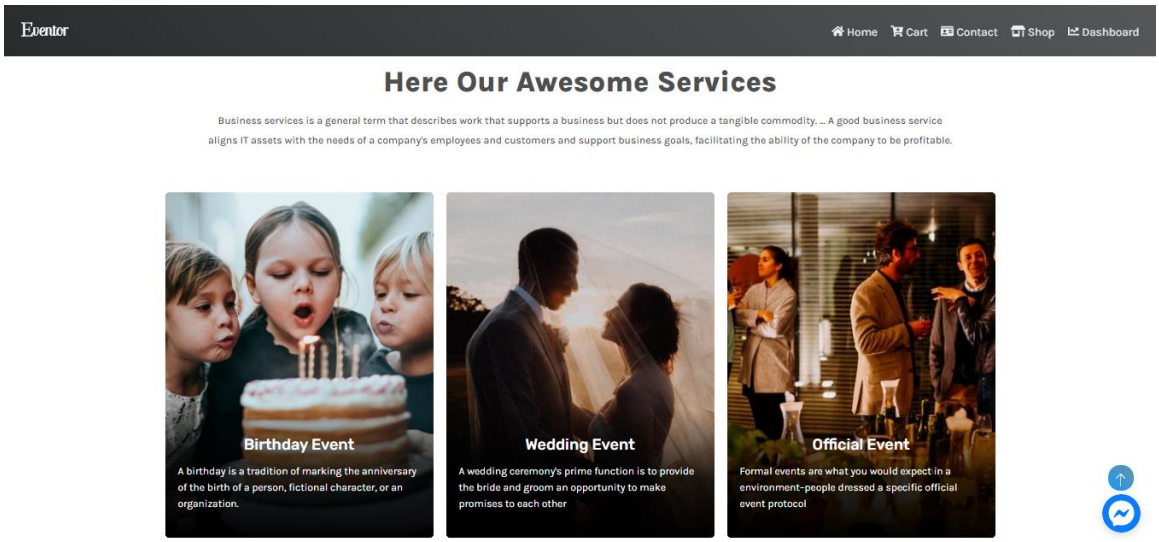


Figure 4.1: (a) Login and (b) Registration Screen


Eventor
Home
Cart
Contact
Shop
Dashboard
Event planner duties and responsibilities vary
The ability to understand what key stakeholders want from your event is critical. These people may not be in the event industry, so they might not speak the lingo or know what's realistic. You have to be able to discern their needs and make sure all
Visit Our Gallery


Eventor
Home
Cart
Contact
Shop
Dashboard
Here Our Awesome Services
Business services is a general term that describes work that supports a business but does not produce a tangible commodity. ... A good business service aligns IT assets with the needs of a company's employees and customers and support business goals, facilitating the ability of the company to be profitable.
Birthday Event
A birthday is a tradition of marking the anniversary of the birth of a person, fictional character, or an organization.
Wedding Event
A wedding ceremony's prime function is to provide the bride and groom an opportunity to make promises to each other
Official Event
Formal events are what you would expect in a environment–people dressed a specific official event protocol

What People Says ?
TESTIMONIALS
Eventor is one of the best event management websites I have seen so far.
Remon Ansary
User of Eventor

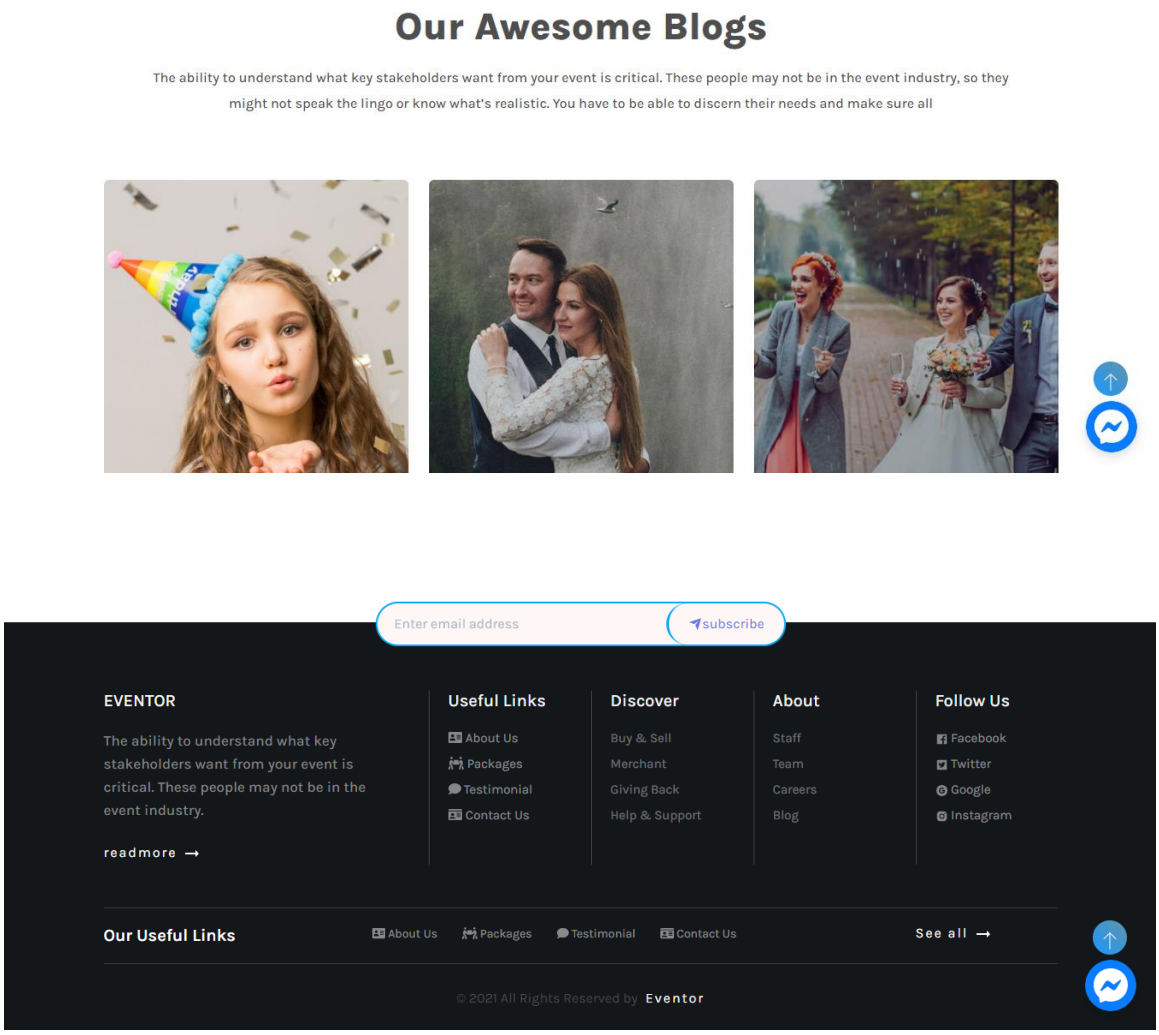


Figure 4.2: (a) Home and (b) Navigation

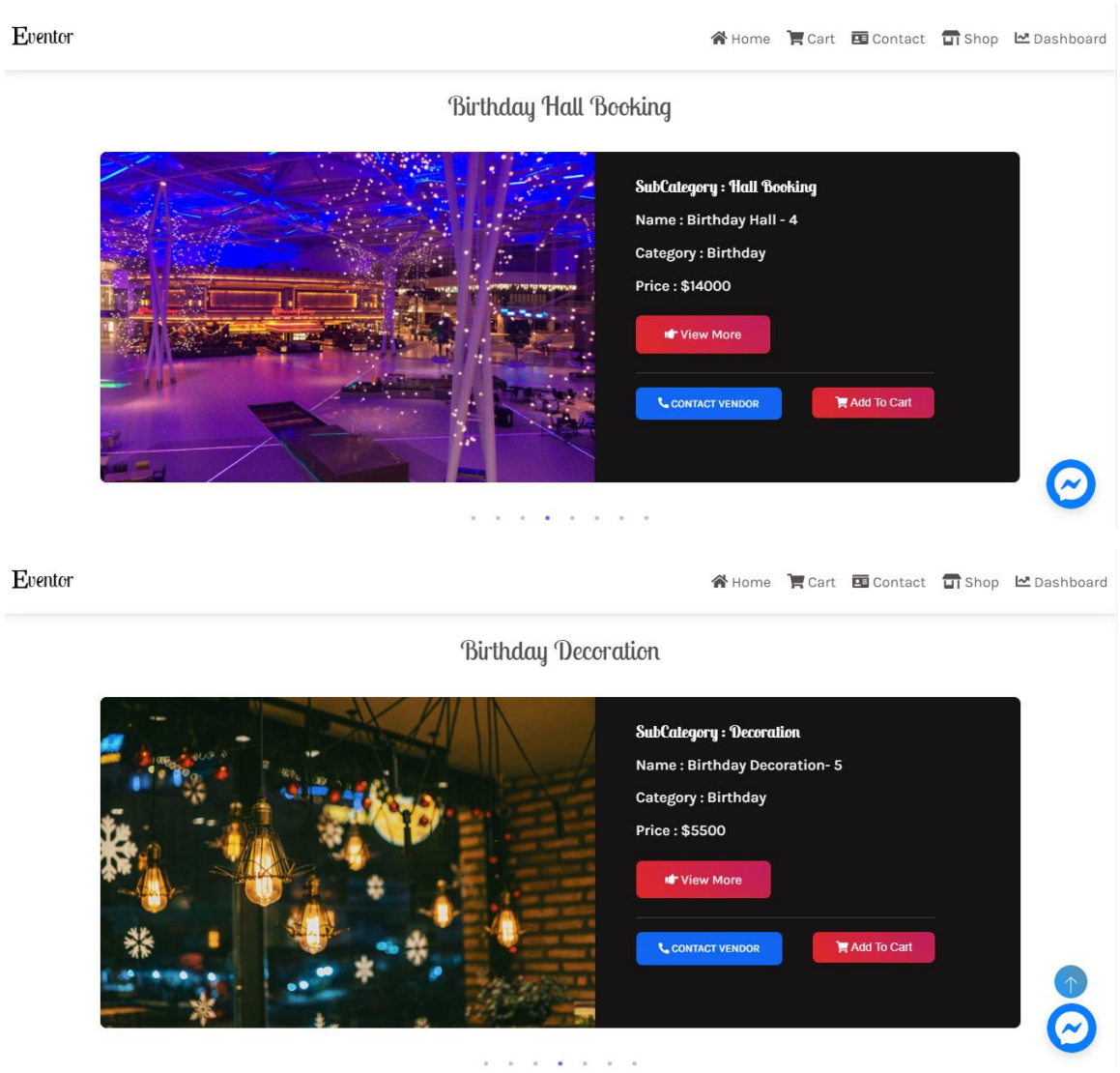


Figure 4.3: (a) Category and (b) Vendors

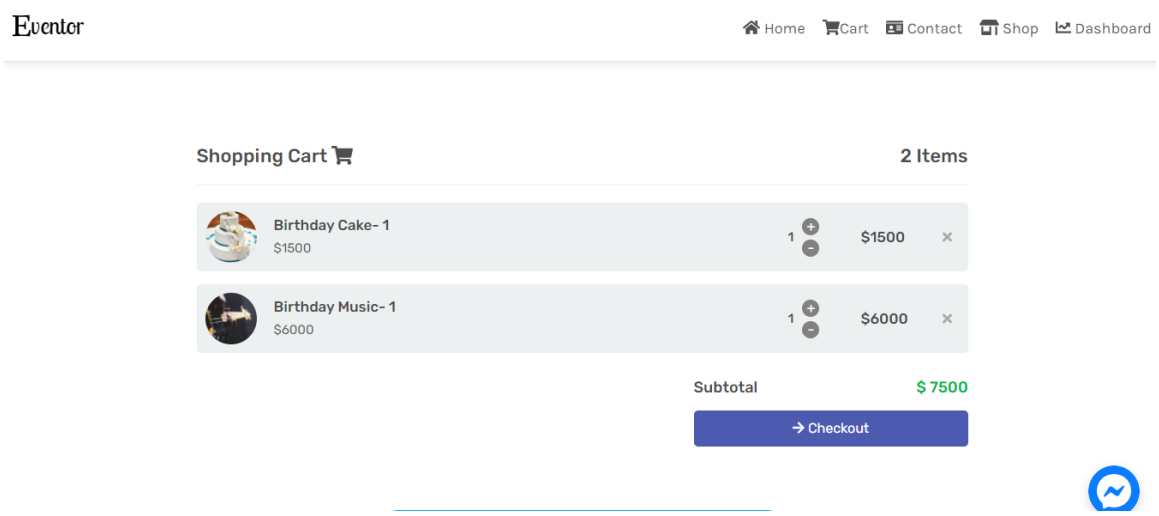


Figure 4.4: Cart

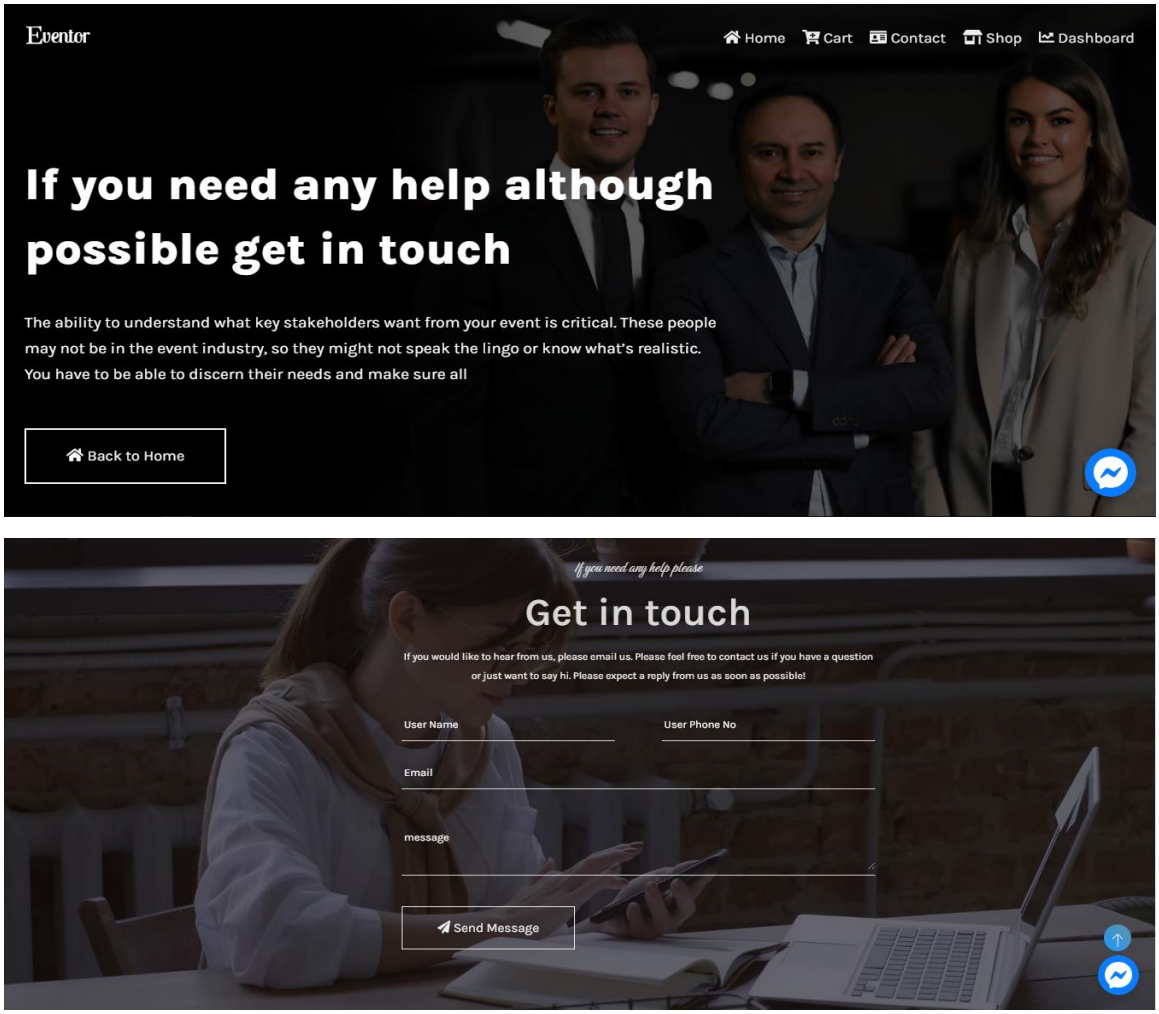


Figure 4.5: Contact Us

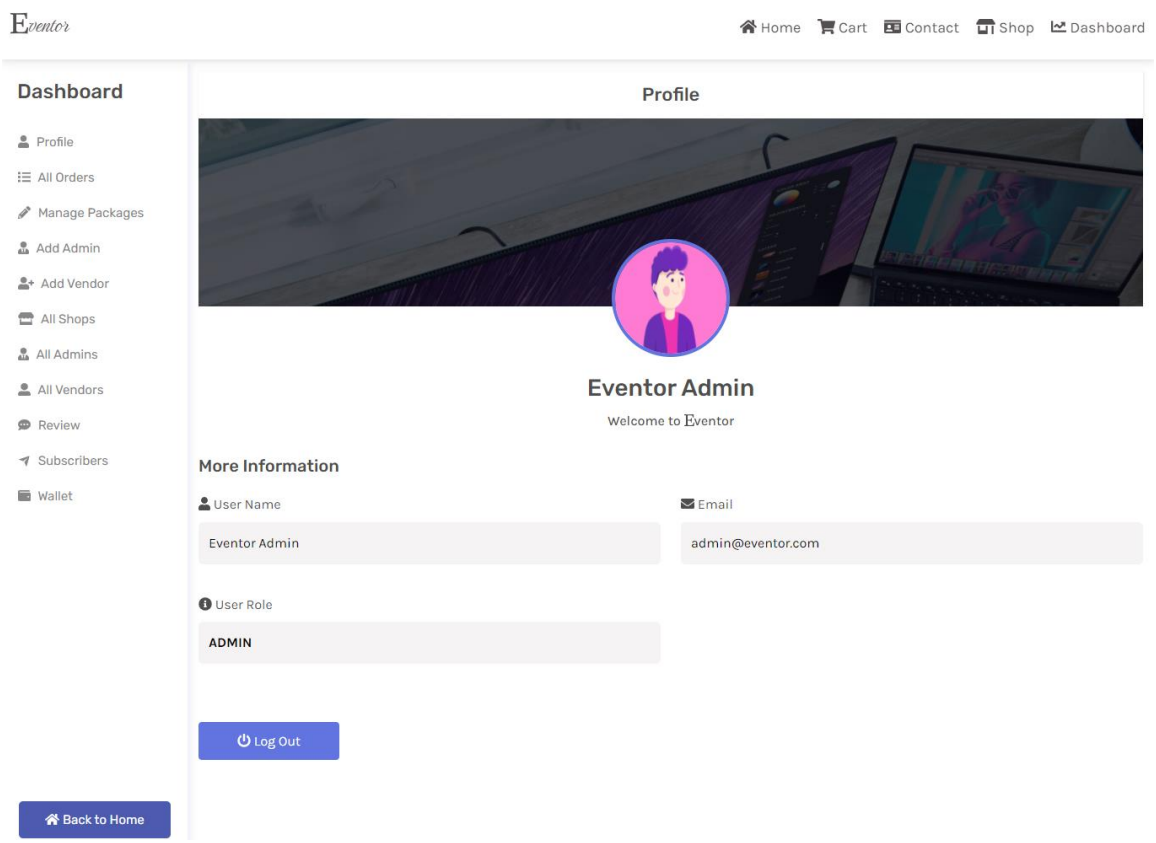


Figure 4.6: Dashboard

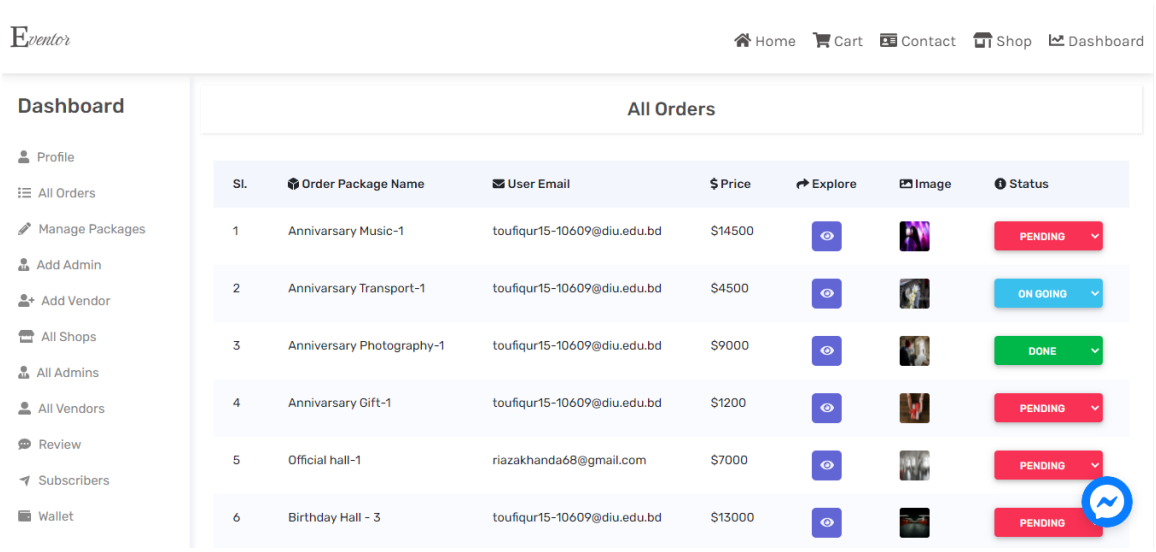


Figure 4.7: Admin panel all orders

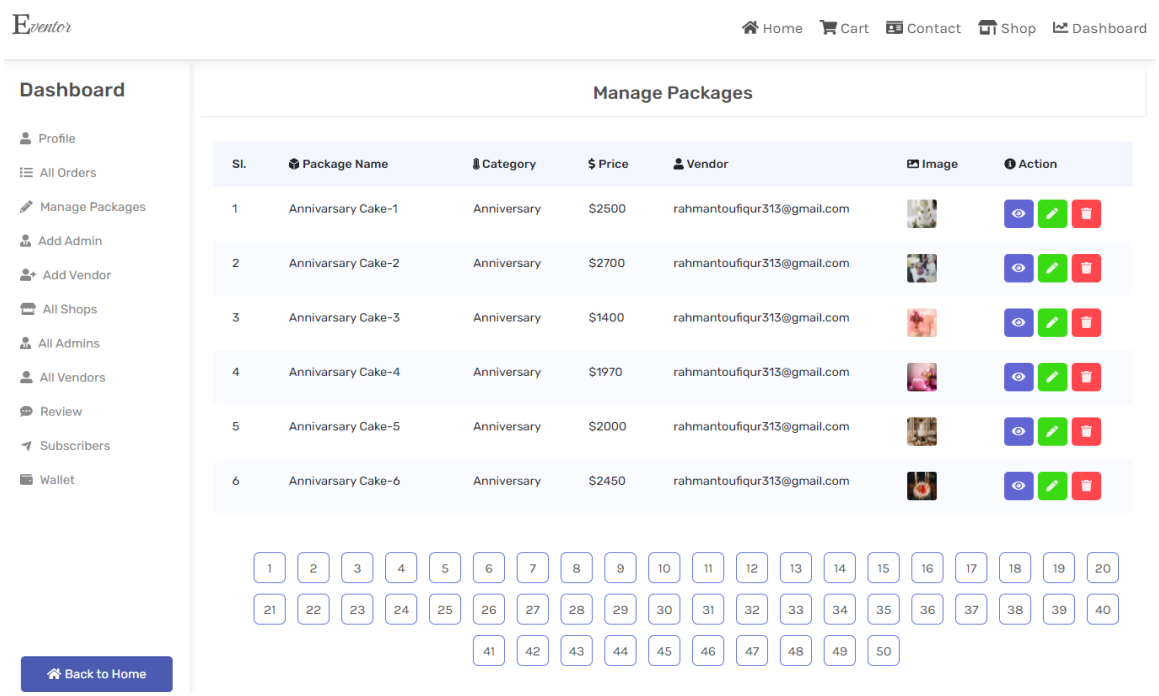


Figure 4.8: Admin panel manage packages

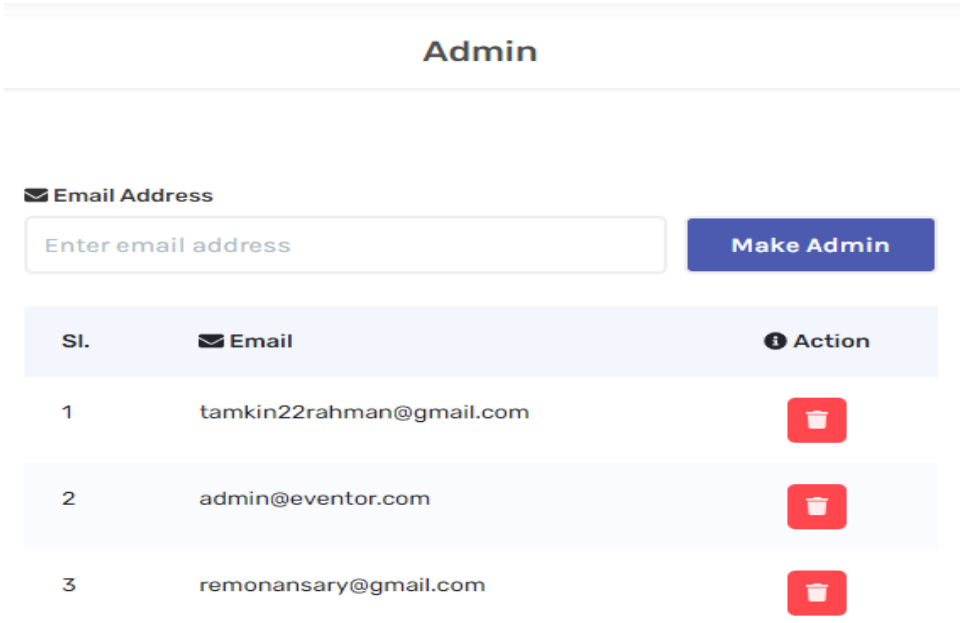


Figure 4.9: Admin panel add or remove admins

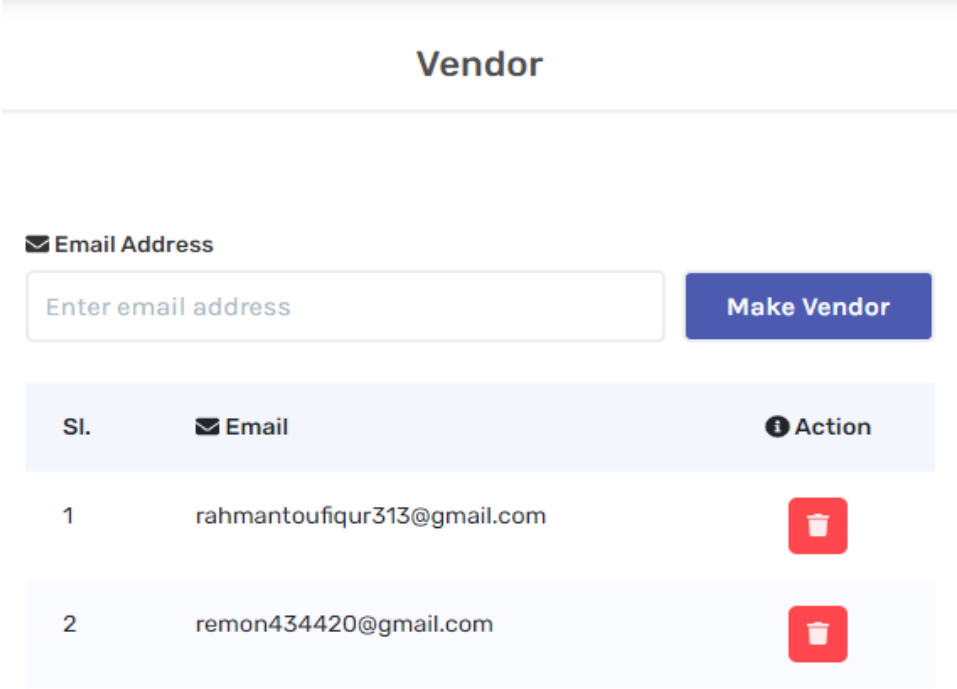


Figure 4.10: Admin panel add or remove vendors

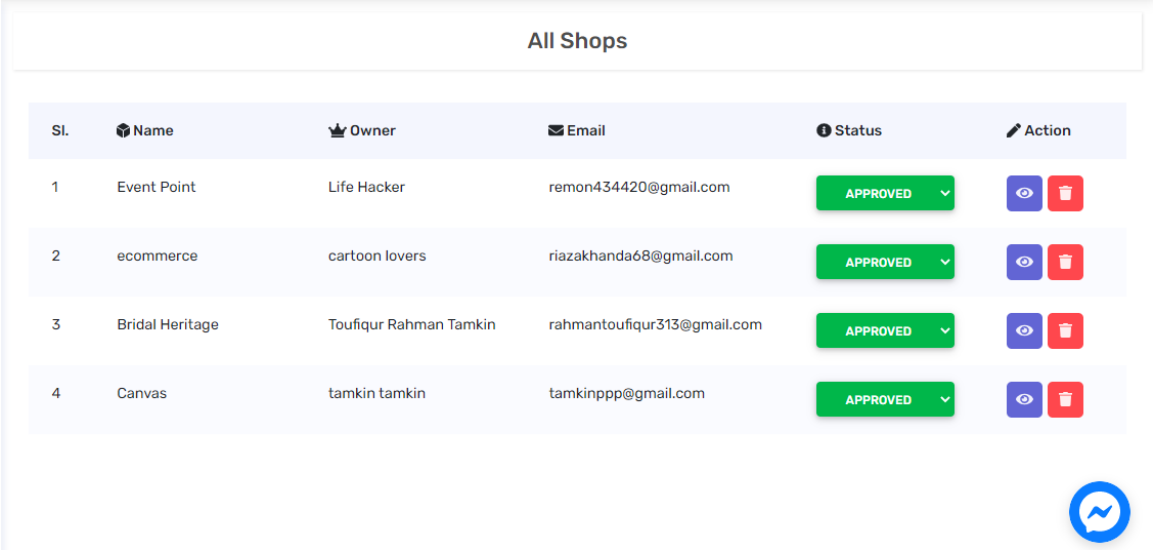


Figure 4.11: Admin panel all shop list

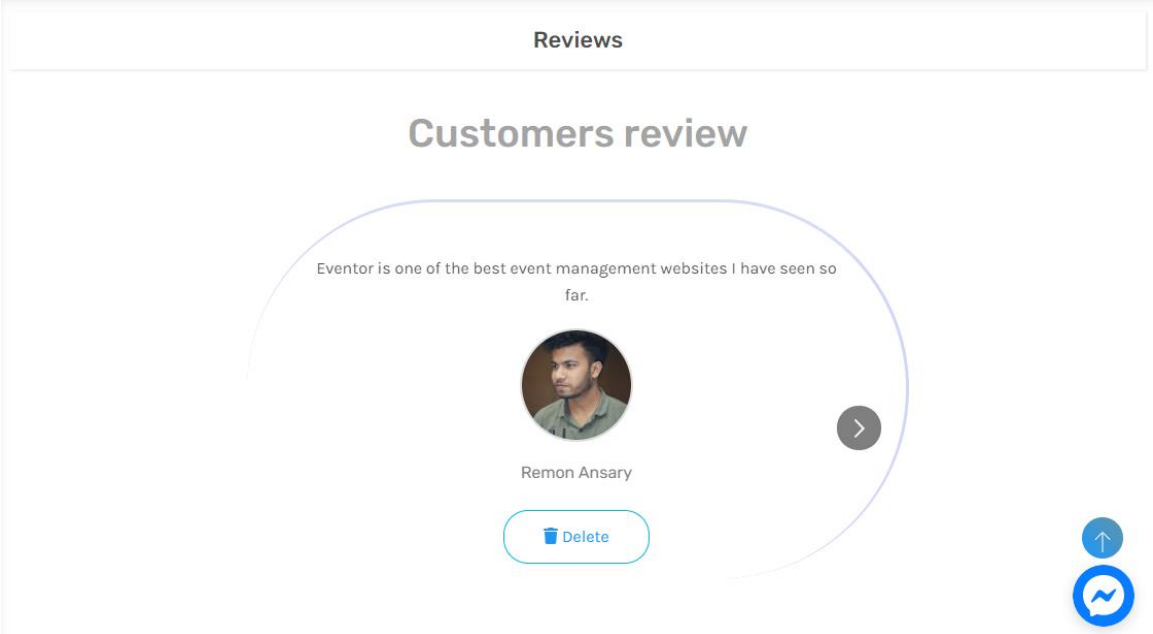


Figure 4.12: Admin customer reviews

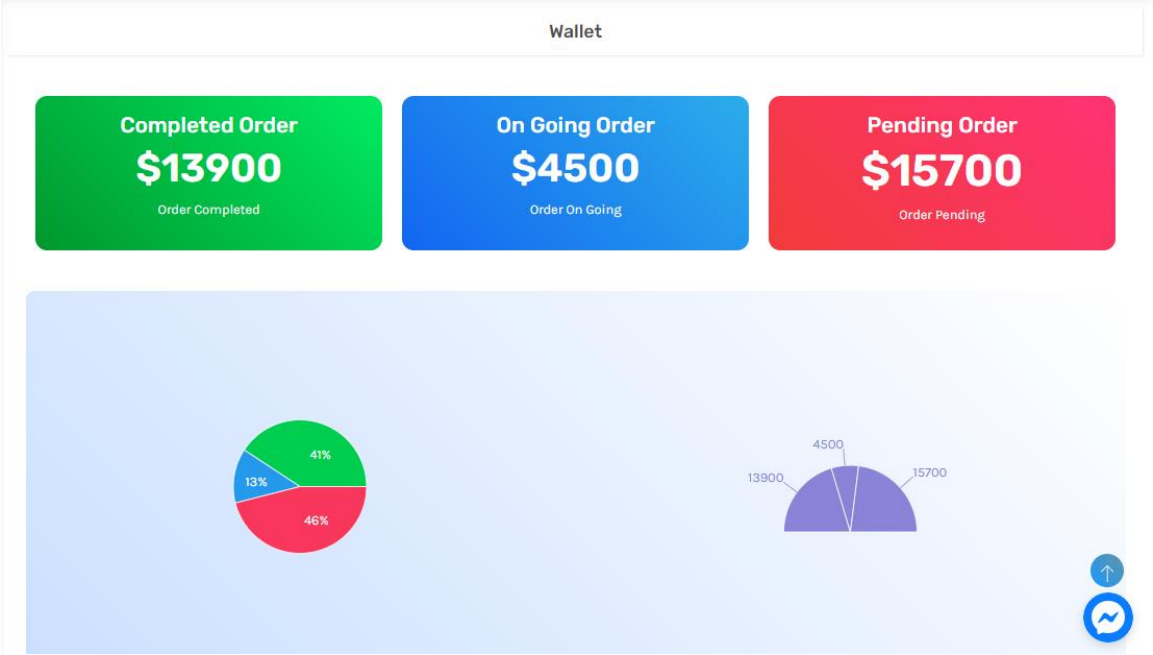


Figure 4.13: Admin Wallet

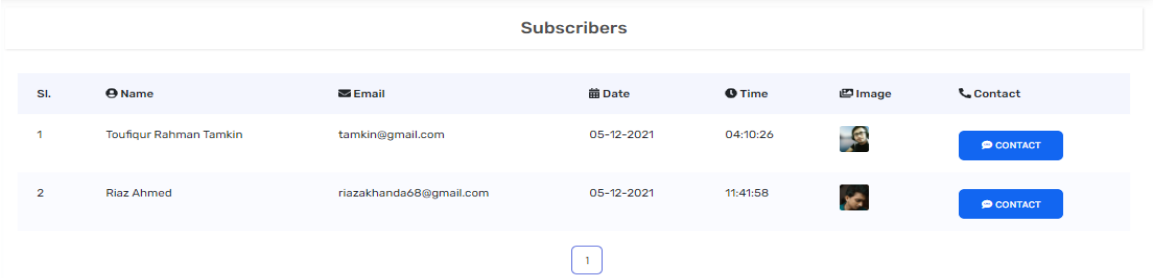


Figure 4.14: Subscribers

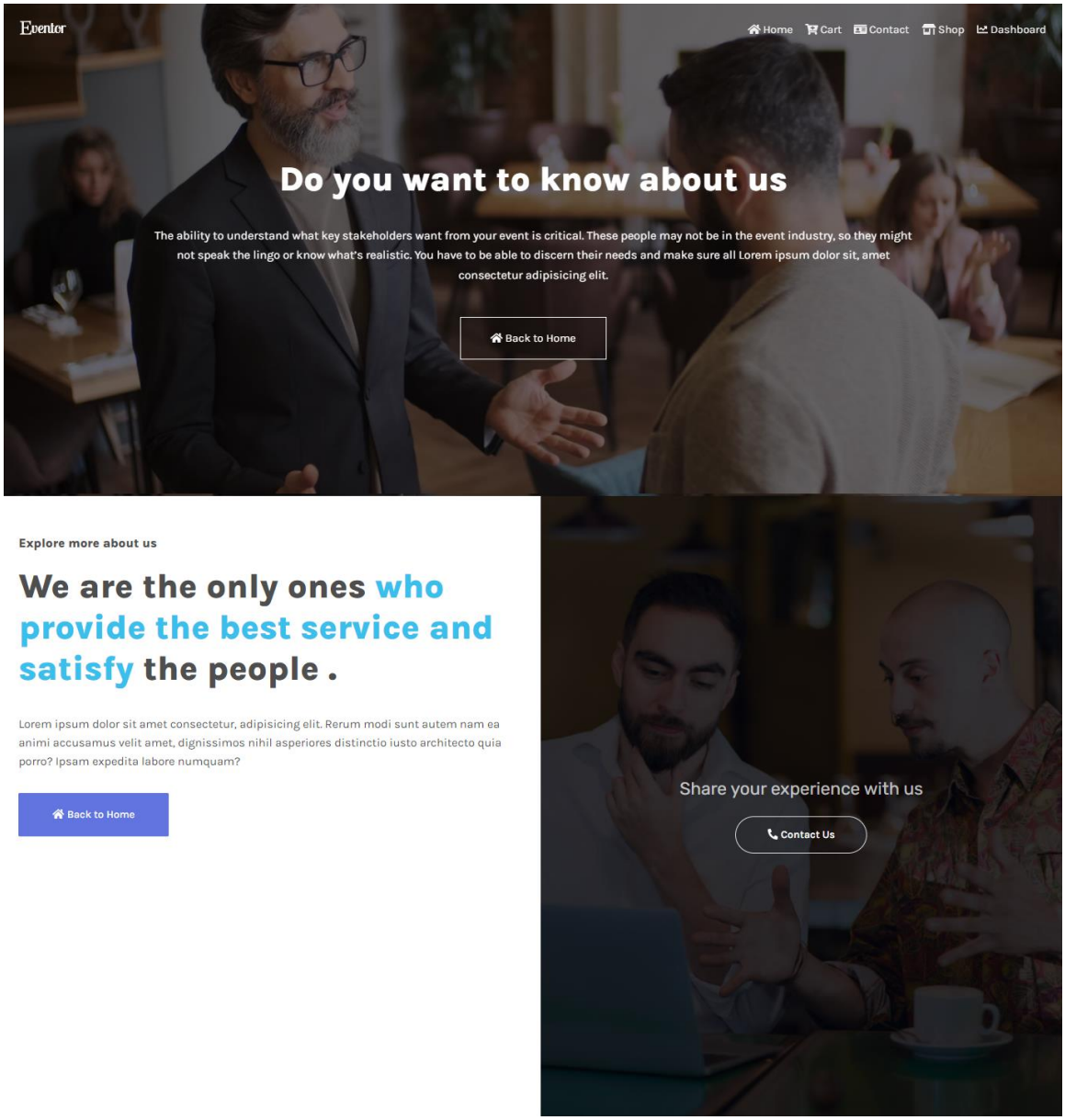


Figure 4.15: About Us

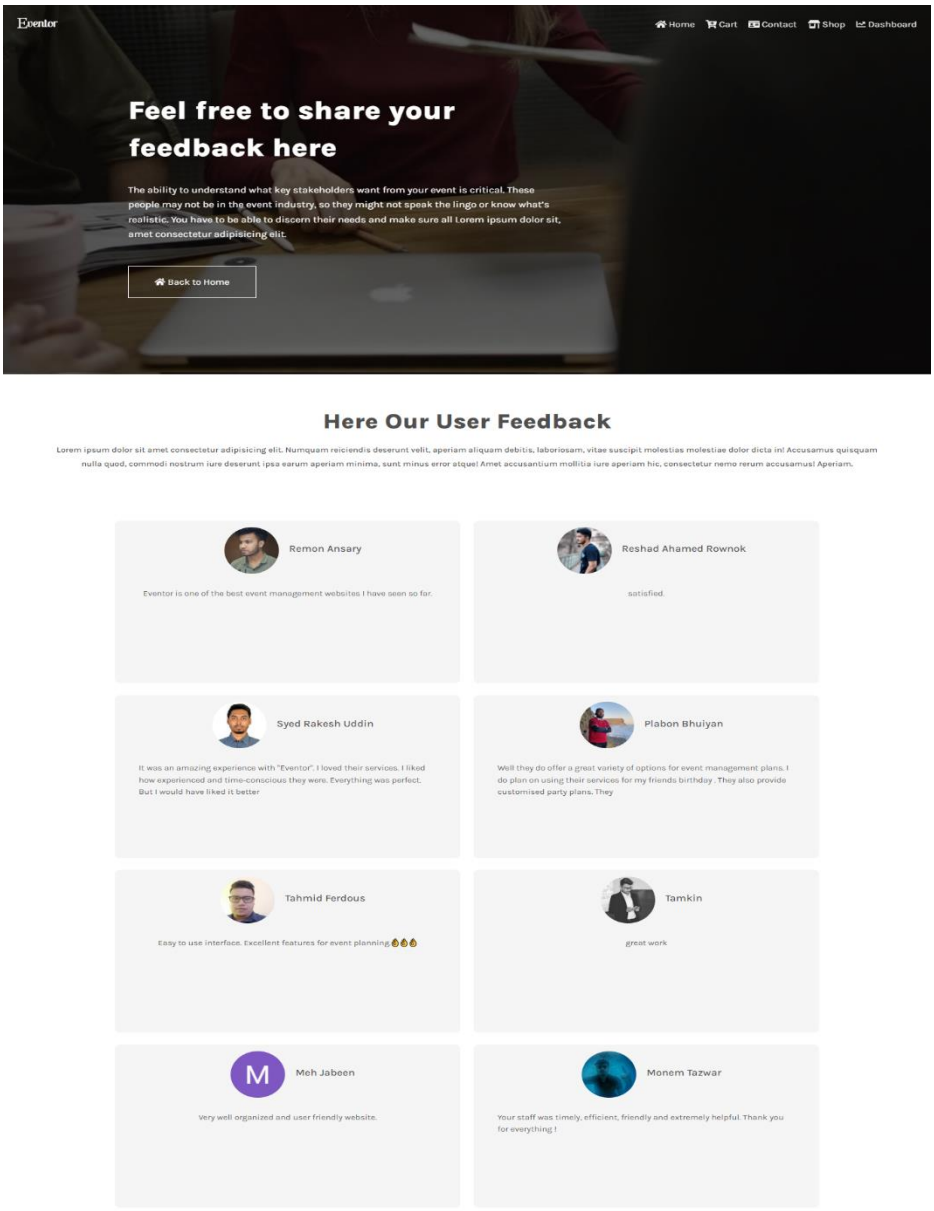


Figure 4.16: Testimonial

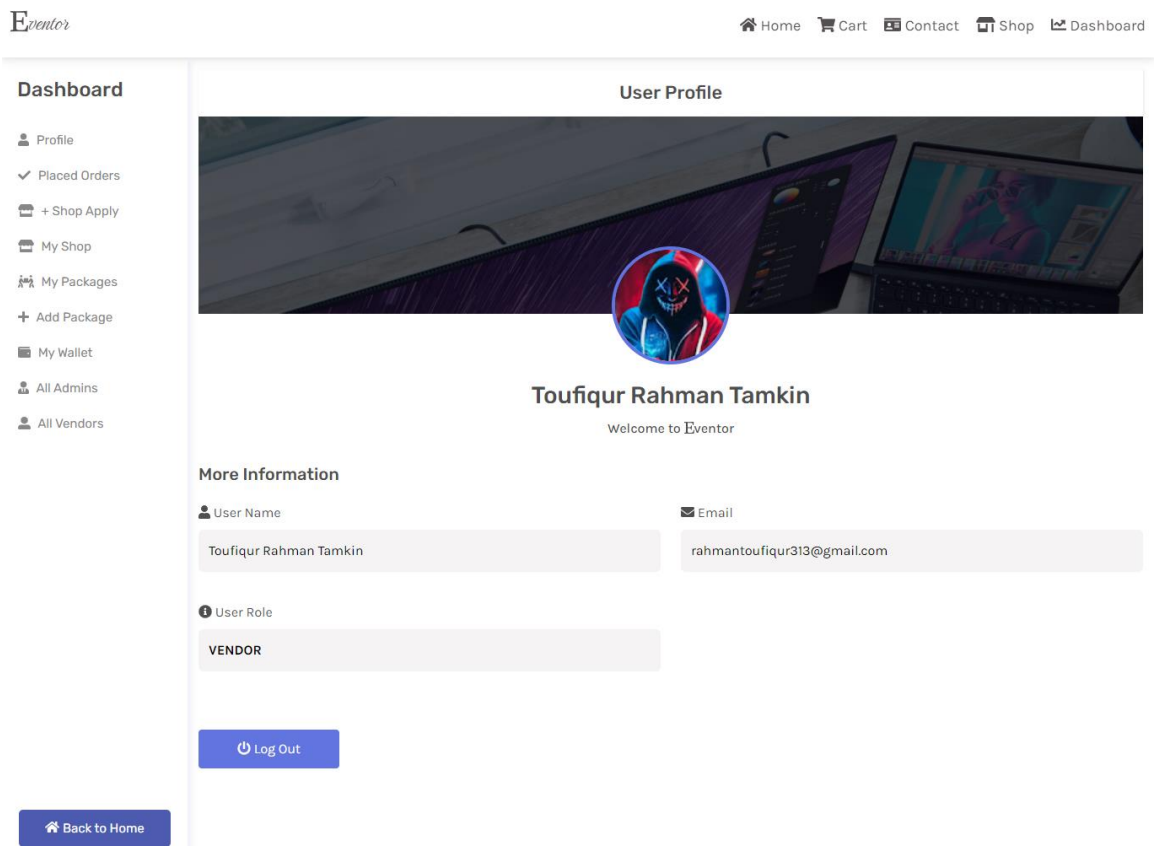


Figure 4.17: Vendor Page

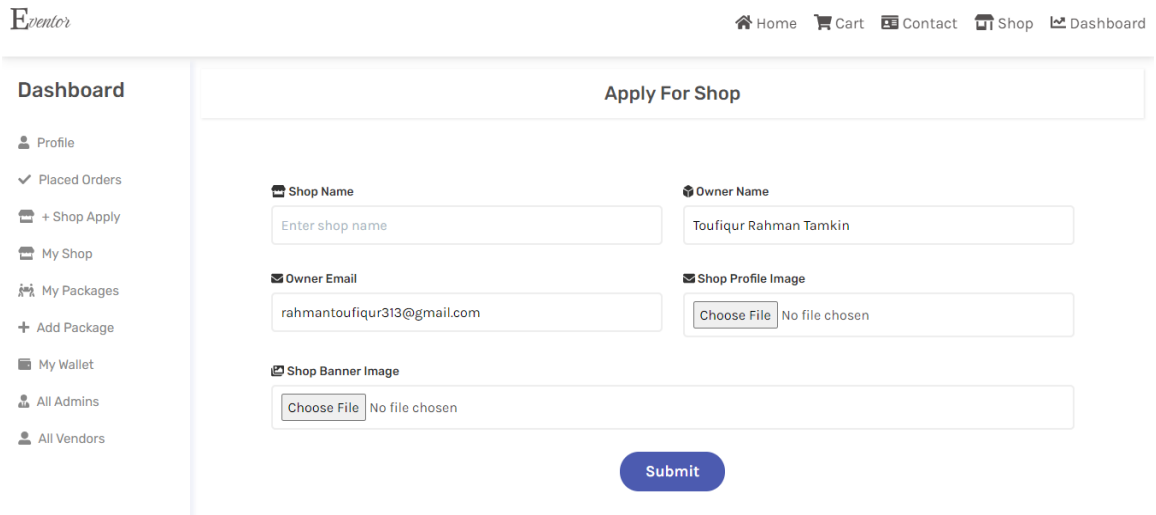


Figure 4.18: Shop apply page

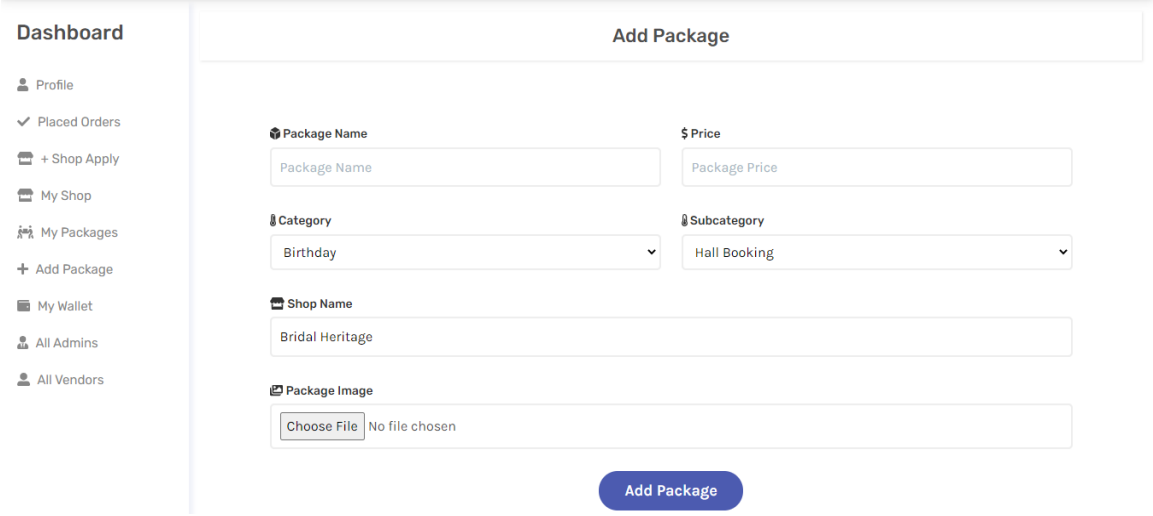


Figure 4.19: Package add page

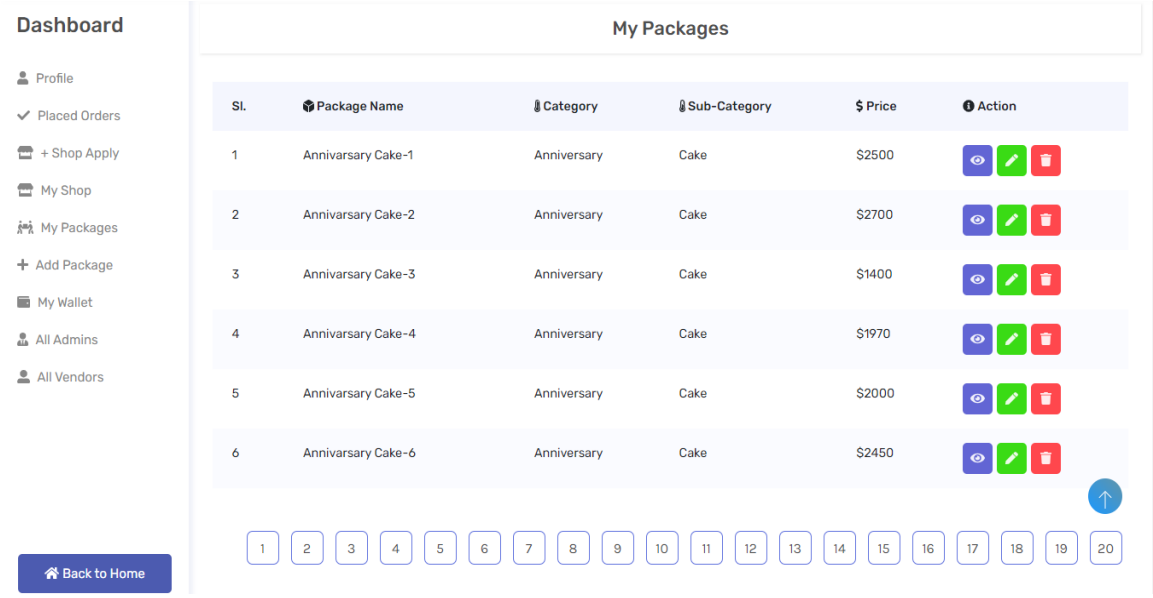


Figure 4.20: My Package for vendor

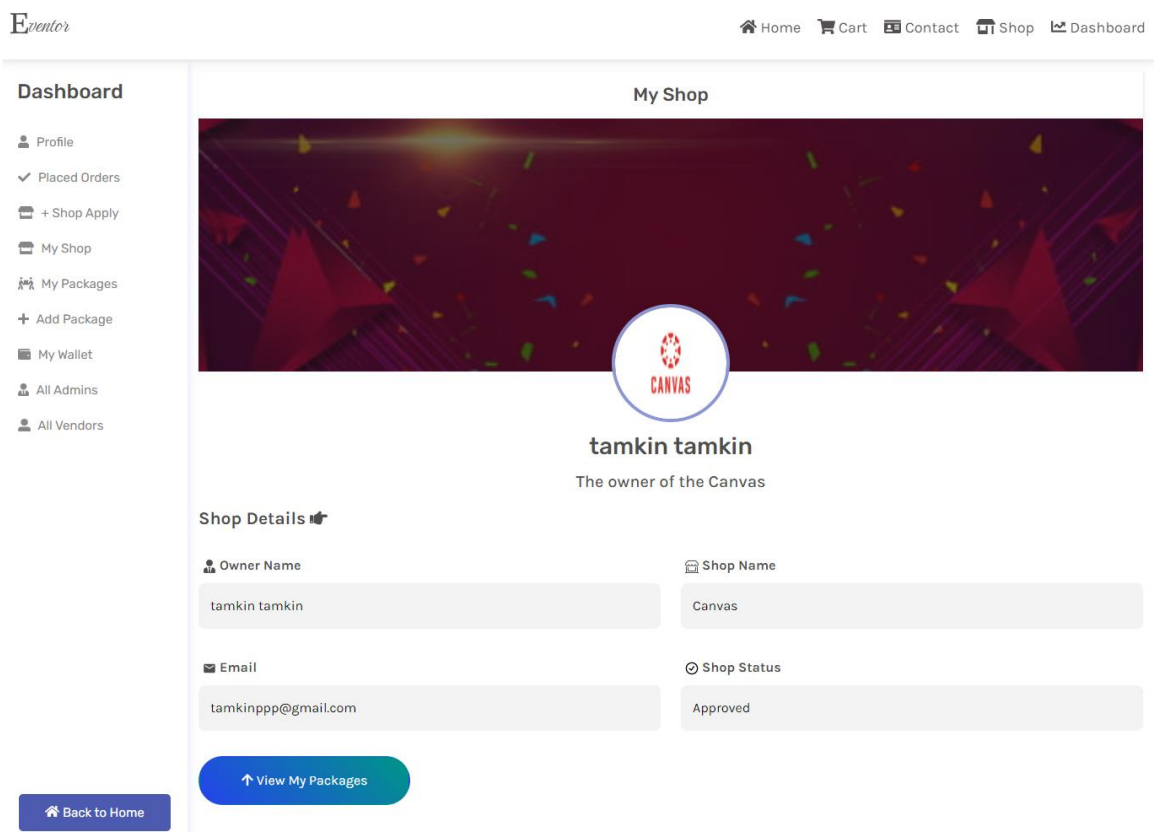


Figure 4.21: My Shop for vendor

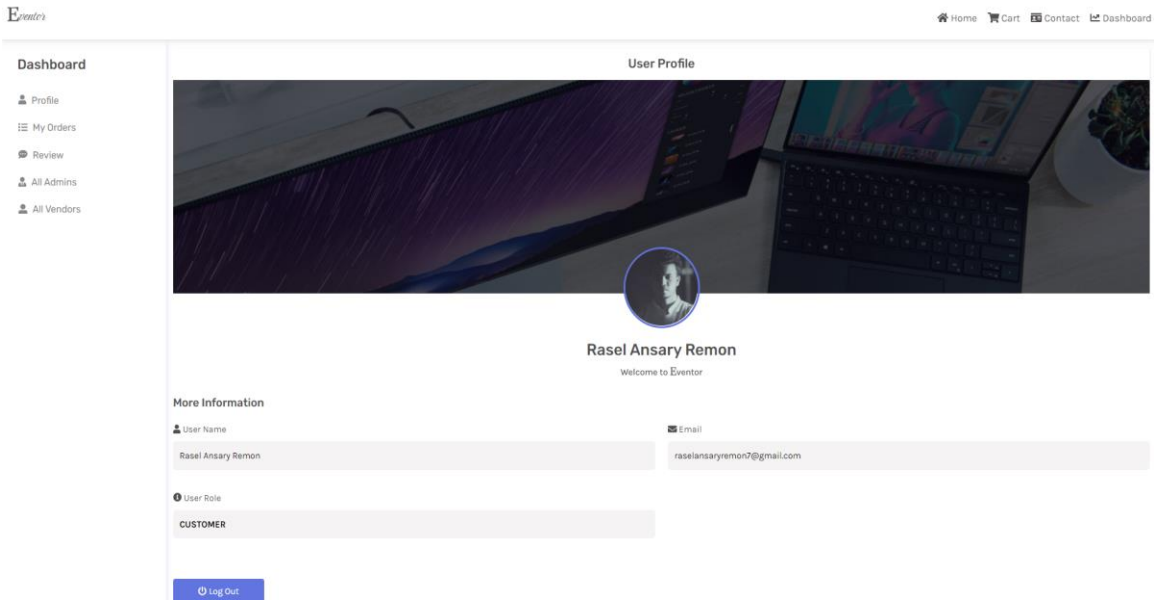


Figure 4.22: Dashboard for customer

Figure 4.23: Cart for customer

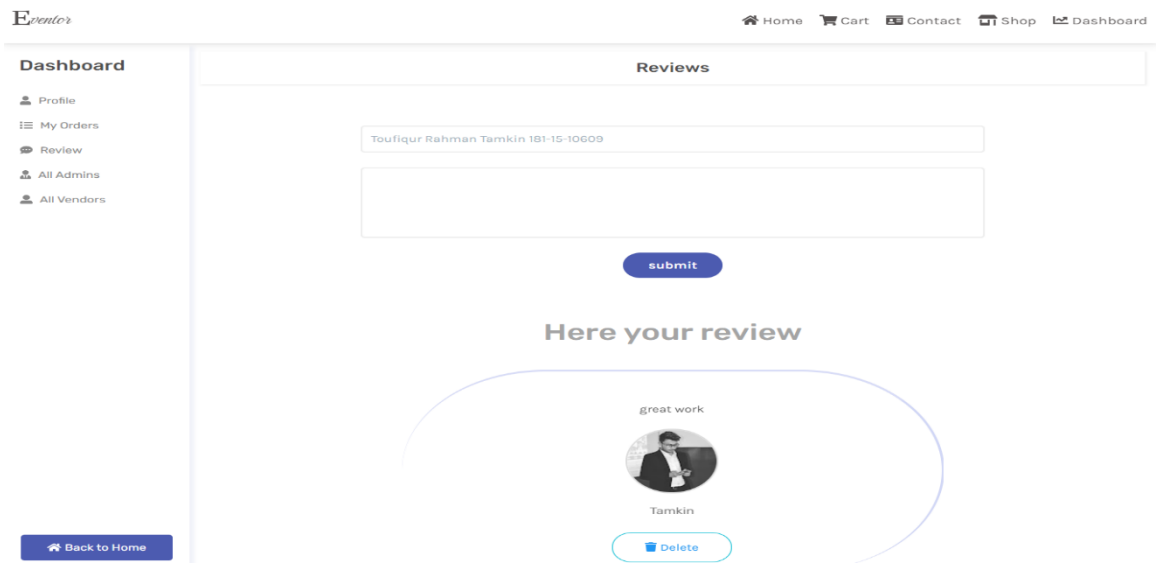


Figure 4.24: Review page for customer

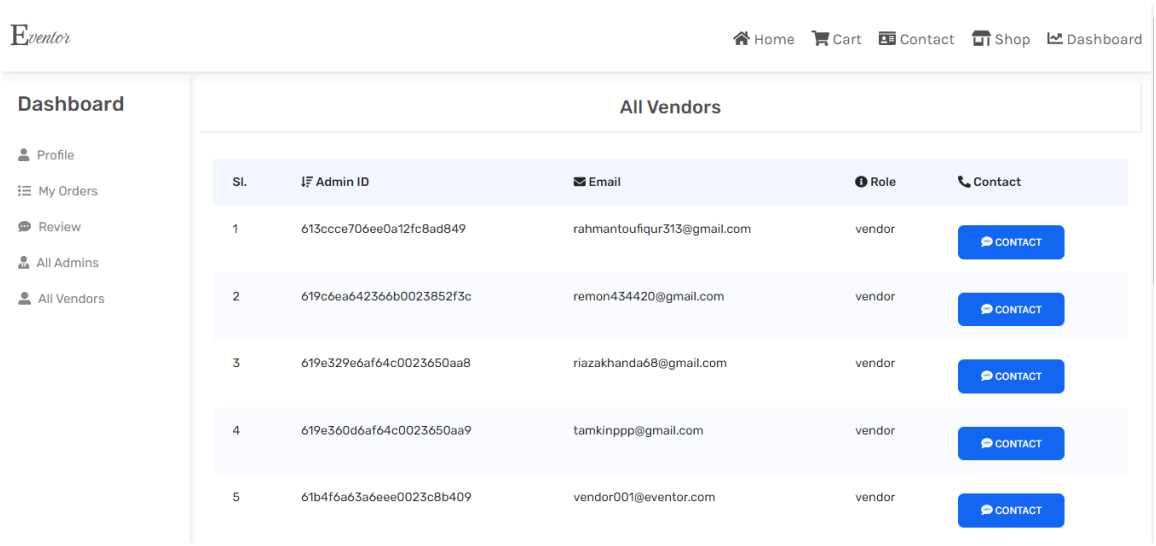


Figure 4.25: Vendor contact page for customer

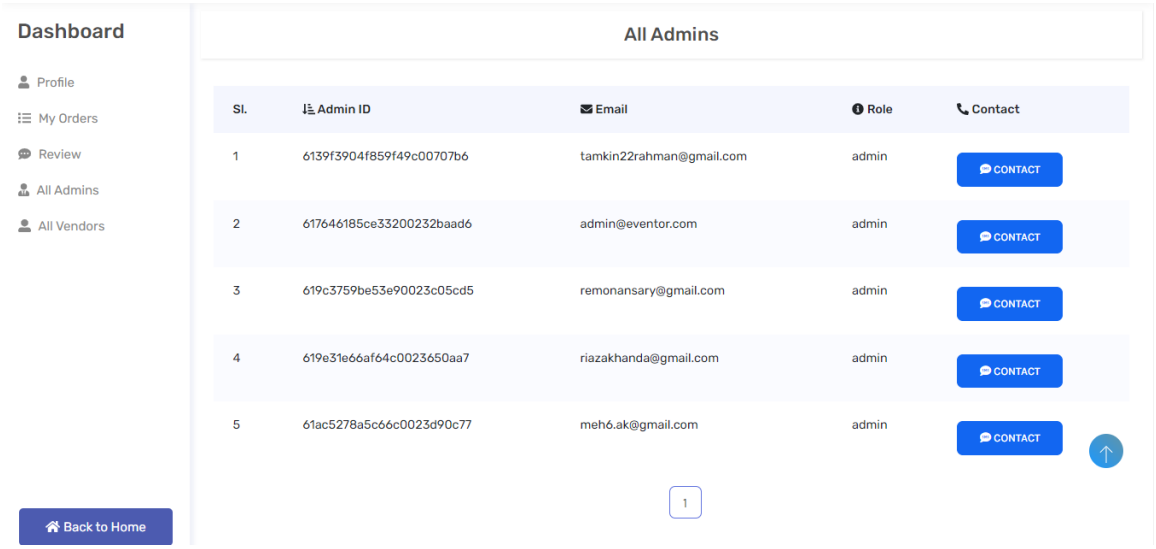


Figure 4.26: Admin contact page for customer

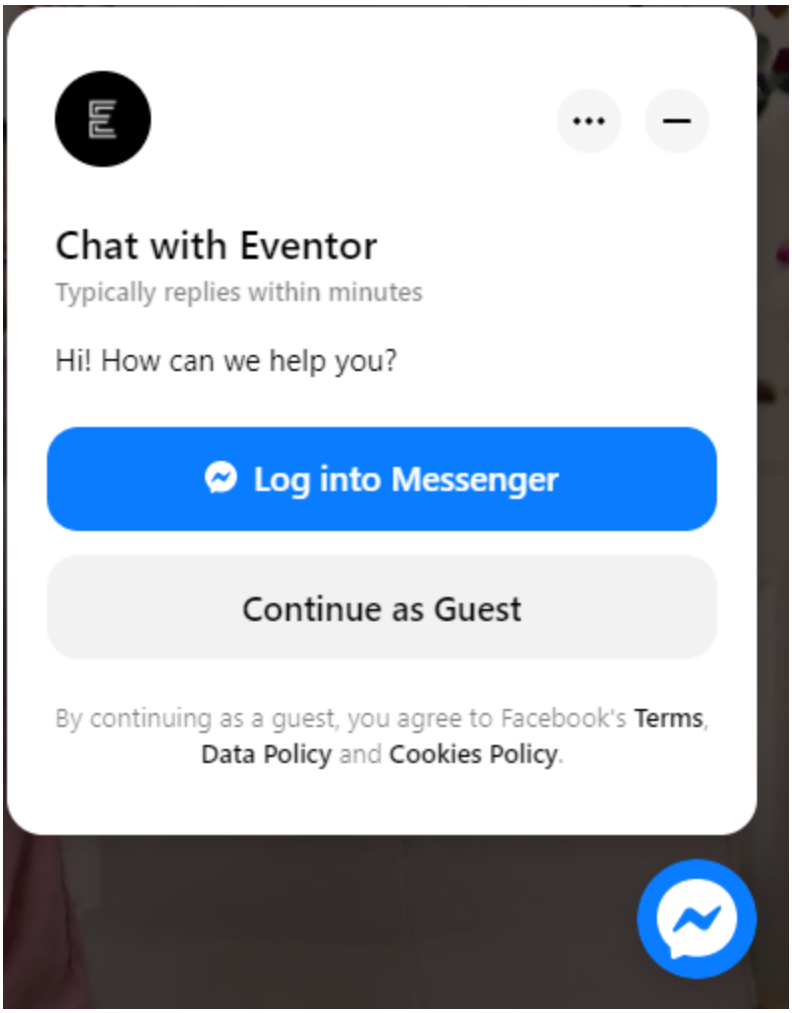


Figure 4.27: Facebook integrated chat page for customer

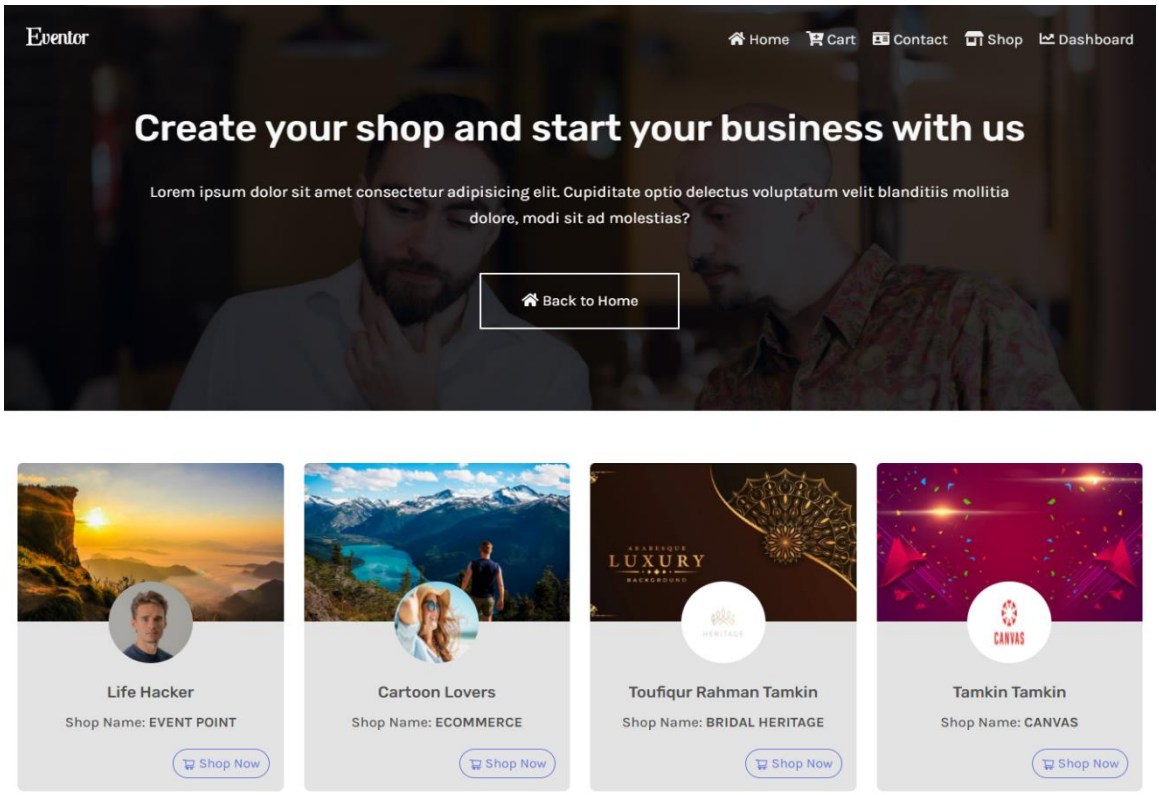


Figure 4.28: Shops

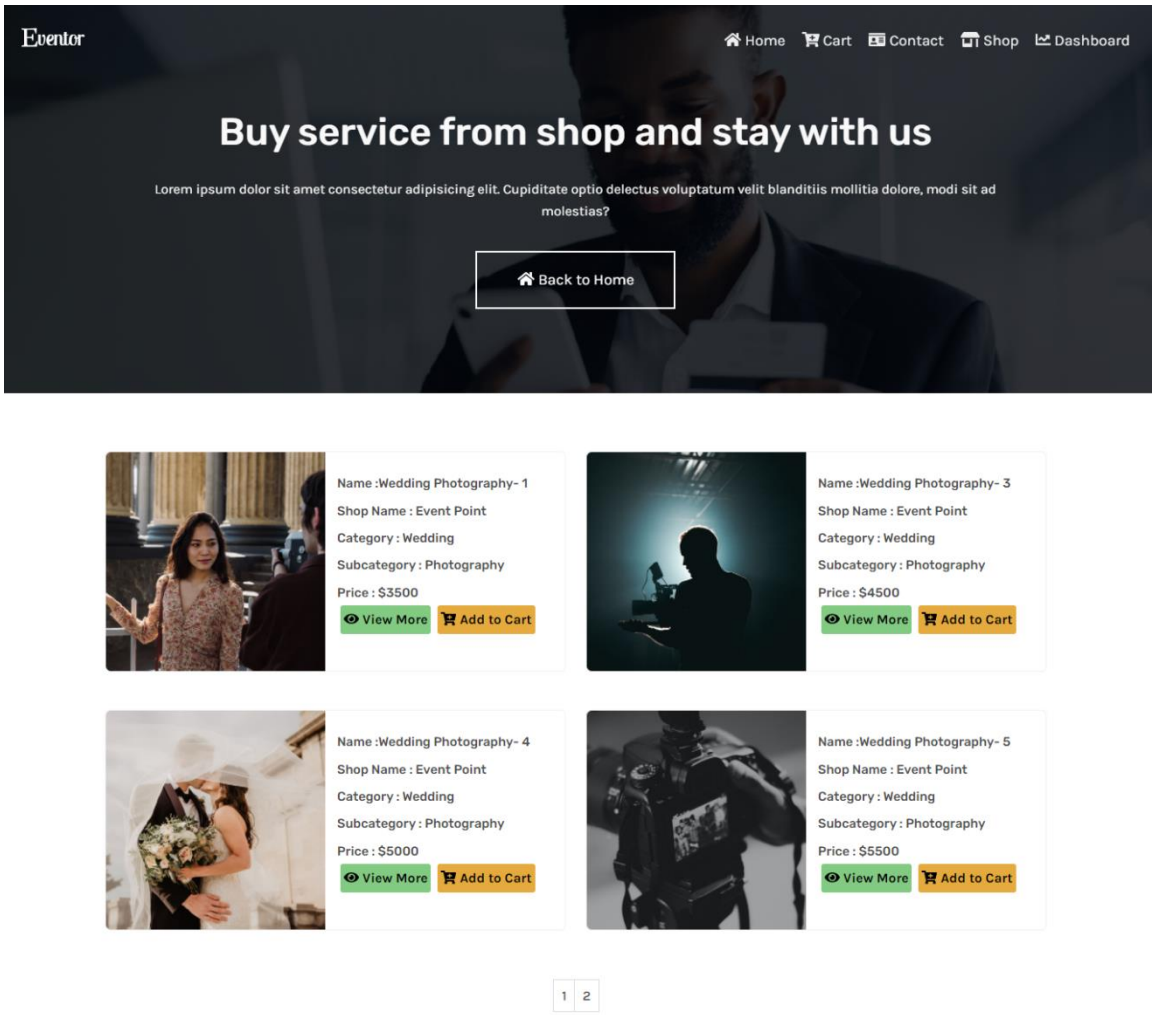


Figure 4.29: Individual Shop Product

4.2 Back-End Design

Figure 4.30: Orders

Figure 4.31: Packages

```
_id: ObjectId("6172bff735406a00236dc192")
name: "Remon Ansary"
description: "Eventor is one of the best event management websites I have seen so fa..."
email: "remonansary@gmail.com"
image: "https://lh3.googleusercontent.com/a-/AOh14Ghxc2rMvy62NtNpZZCtdLCCUT1kq..."

_id: ObjectId("617313bc91f20600239e38f0")
name: "Reshad Ahamed Rownok"
description: "satisfied. "
email: "reshadahamedr001@gmail.com"
image: "https://lh3.googleusercontent.com/a-/AOh14GgOeT4vRQmSokdySuwcz5b605qQn..."

_id: ObjectId("619542001513a400239c0520")
name: "Syed Rakesh Uddin"
description: "It was an amazing experience with "Eventor". I loved their services. I..."
email: "syedrakesh.me@gmail.com"
image: "https://lh3.googleusercontent.com/a-/AOh14GgwEgxgmJ5UJekrMPQbOosrAZFGO..."
```


Figure 4.32: Reviews


```
_id: ObjectId("619e5978c606560023b8df0d")
shopName: "Event Point"
ownerName: "Life Hacker"
ownerEmail: "remon434420@gmail.com"
bannerImage: "https://i.ibb.co/7X3QjXp/pexels-iconcom-733174.jpg"
status: "Approved"

_id: ObjectId("61a6165ba0320d002371cdfe")
shopName: "ecommerce"
ownerName: "cartoon lovers"
ownerEmail: "riazakhanda68@gmail.com"
bannerImage: "https://i.ibb.co/VYX1drB/1.jpg"
status: "Approved"
profileImage: "https://i.ibb.co/M8szWdQ/profile.jpg"

_id: ObjectId("61b507b43a6eee0023c8b40e")
shopName: "Bridal Heritage"
ownerName: "Toufiqur Rahman Tamkin"
ownerEmail: "rahmantoufiqur313@gmail.com"
profileImage: "https://i.ibb.co/X2R9QZQ/Bridal-Heritage.png"
bannerImage: "https://i.ibb.co/HHgsvRd/Bridal-Heritage-banner.png"
status: "Approved"
```


Figure 4.33: Shops

Figure 4.34: Users

Figure 4.35: Subscribers

4.4 Implementation Requirements

React.js, a declarative JavaScript framework for generating dynamic client-side apps in HTML, sits at the top of the MERN stack. React allows us to create sophisticated interfaces by connecting basic Components to data on your backend server and rendering them as HTML.

React excels at managing stateful, data-driven interfaces with minimum code and suffering, and it comes with all the bells and whistles we would expect from a contemporary web framework, including excellent support for forms, error handling, events, and lists, among other features.

Server Tier using Express.js and Node.js

The Express.js server-side framework, which runs within a Node.js server, is the next step down. Express.js describes itself as a "quick, unopinionated, minimalist web framework for Node.js," and it is precisely that. For URL route and managing HTTP requests and answers, Express.js includes strong models.

CHAPTER 5
Implementation and testing

5.1 Implementation of Database

Using the npm init command, we can build a new template for our application. We'll respond to the queries, and the end result will be a created from response. The project's information is stored in a json file. Because we declared it in the package.json file, the npm start script works with the following command, we'll add express as a project dependency, which will then be added to our package. json document:

npm install express Our backend server's primary function will be to provide raw data in JSON format to the frontend. As a result, we can now update our index.js file to output a JSON-formatted list along with some express functionality. Now we'll define two application routes. The first specifies an event handler for handling HTTP GET requests to the application's / route. The JSON method of the answerer is used to respond to the GET request. This function will return a JSON formatted string containing the persons array that was supplied to it. Finally, the last rows connect the app variable's HTTP server to listen for HTTP requests delivered to PORT 3001. We have Installed nodemon and added it as a development dependency npm install --save-dev nodemon

5.2 Implementation of Front-end Design

React is a JavaScript toolkit for creating dynamic and fast user interfaces for web and mobile apps. It's a component-based, open-source front-end framework that's just responsible for the software's view layer. The view layer is in charge of how the program appears and feels inside the Model View Controller (MVC) structure. JSX is a JavaScript syntactic extension. It's a term that's used in React to define how the new interface should look. We can write HTML elements in the same files as JavaScript code by utilizing JSX. Because complicated JavaScript DOM structures are avoided, the code is easy to comprehend and debug. The "virtual" DOM is the minimal approximation of the "actual" DOM that React retains in memory (VDOM). Because nothing is rendered on the screen when processing actual DOM, it is significantly slower than processing VDOM. When an

element's state changes, VDOM updates only that object in the real DOM rather than all of the objects.

5.3 Testing Implementation

System testing is a type of testing process that involves assessing a highly integrated system. The purpose of this test is to see if the system complies with the criteria. The definition provided by the ISTQB. system evaluation:

5.4 Test Cases

A test case is a set of criteria or characteristics used by a test tester to determine if a testing process is satisfactory or functional. The test case method may also be used to discover issues with a request's specifications or configuration.

Test case	Test input	Expected outcome	Obtained outcome	Pass/ Fail	Tested on
1 Login	Various browsers are used to log in.	Successfully logged in.	Successfully logged in.	pass	05-11-21
2 Update information	Information from the user account must be entered.	The database will be updated with new information.	In the database, the information has been updated.	Pass	05-11-21
3. Testing the user interface	Check in different types of devices	It works fine in all devices	It is supported in different devices and different browsers	Pass	05-11-21
4. Search event	Searching with different input	Finds different events	Finds different events successfully	Pass	05-11-21

5. Create Delete Read Event	After logging in admin can view all event browse different vendor and admin list and will be able to create admin of add different vendor	After admin log in the vendor and other admins can be added	After admin log in the vendor and other admins can be added successfully	Pass	05-11-21
6. Place Order	User can place order for different events	If place order clicked the order should be placed	Order have been placed successfully	Pass	05-11-21

Table 5.4.1: Test case evaluation

5.5 Test Results and Reports

A test report is necessary to formally represent testing results, It helps us for fast assessment of testing results. It's a documentation that analyzes data from a test, defines the environment or operational conditions, and relates test results to test goals.

We proved in this section that all of the test scenarios contained test input, anticipated output, and actual outcome, and that the test result was very good. A application has received positive feedback from the user. The usefulness of the following features of our web - based application is being evaluated.

•How much simple is the application for users

•How much user friendly it is

As a result, at the end of the development phase, we may present the relevant results and testing advantages.

• The application has been optimized.

• The program is more clear and well-accepted by users, user-friendly and enhanced UI.

CHAPTER 6

CONCLUSION AND FUTURE SCOPE

This part summarizes our work. This section shows our future work and how we can make it better

6.0 Discussion and Conclusion:

We're going to start a new era in event management, where every user will be able to find all of their requirements under the hood. Users may browse different locations, suppliers, catering options, and other services utilizing our system, and then pick which service provider is best for them. And they will receive excellent service that meets their expectations. Additionally, the user can save money and time. Every detail of each event is encoded into our system. Whether it's a formal or casual gathering, our system has it all.

6.2 Possibilities for Future Developments

The application will be improved significantly in the future to make it more user-friendly. Some possible Scopes are mentioned here.

- We will create android and iOS application
- We will provide personalized suggestion using AI
- Provide premium service universally

APPENDIX

Appendices A

Projection Reflection: We have started working on our project from fall 2019 semester. We have improved our project by implementing different ideas which will be very useful for the user. We have added different functionality in our website

Appendices B

Back-end:

Node JS: Node.js is free and a runtime environment of server side. Using the JavaScript library in. It gives non-blocking I/O for constructing massively scalable applications using JavaScript.

Mongo DB: It is a NoSQL database. We know it is a open source database software. It can hold so much data. It is faster than most of the database server

Firebase: Google Firebase is a Google-backed app development platform that allows developers to create apps for iOS, Android, and the web. Firebase delivers analytics monitoring, reporting, and app issue fixes, as well as marketing and product experimentation capabilities.

Express JS: Express.js is a Node.js development platform. It has a number of capabilities that make web development faster and easier than it would be if simply Node.js was used.

Front End:

React JS: ReactJS is a JavaScript toolkit we use it to create usable component of a website. It is declarative, fast, and versatile. It's an accessible, element front-end framework that's just responsible for the user's view layer.

React Bootstrap: React-bootstrap is comprised of two library collections: react.js and bootstrap.

CSS: CSS is a basic design language that helps us to make web pages more beautiful and presentable.

REFERENCES

[1] Learn about Node JS<< https://www.w3schools.com/nodejs/>>,Last accessed on 07-13-2021 at 11:00pm.

[2] Learn about Mongo Db <<https://www.tutorialspoint.com/mongodb/index.htm >>, Last accessed on 13-06-2021 at 05:00pm.

[3] Learn about Firebase << https://firebase.google.com/ />>, Last accessed on 11-09-2021 at 08:10pm.

[4] Learn About Express JS<< https://expressjs.com/ >>, Last accessed on 19-08-2021 at 09:00pm.

[5] Learn About React JS<< https://reactjs.org/ >>, Last accessed on 22-11-2021 at 08:00pm.

[6] Learn about React JS<< https://blog.logrocket.com/how-to-use-bootstrap-with-react-a354715d1121/ >>, Last accessed on 20-05-2021 at 12:00pm.

[7] CSS<< https://developer.mozilla.org/en-US/docs/Web/CSS >>, Last accessed on 11-08-2021 at 02:00pm.

ORIGINALITY REPORT

24%	10%	0%	22%
SIMILARITY INDEX	INTERNET SOURCES	PUBLICATIONS	STUDENT PAPERS

PRIMARY SOURCES

1	www.mongodb.com Internet Source	3%
2	dspace.daffodilvarsity.edu.bd:8080 Internet Source	2%
3	Submitted to Academy of Information Technology Student Paper	2%
4	Submitted to Troy University Student Paper	2%
5	Submitted to Daffodil International University Student Paper	2%
6	Submitted to De Montfort University Student Paper	1%
7	Submitted to Softwarica College Of IT & E-Commerce Student Paper	1%
8	Submitted to Federal University of Technology Student Paper	1%
9	Submitted to National College of Ireland	