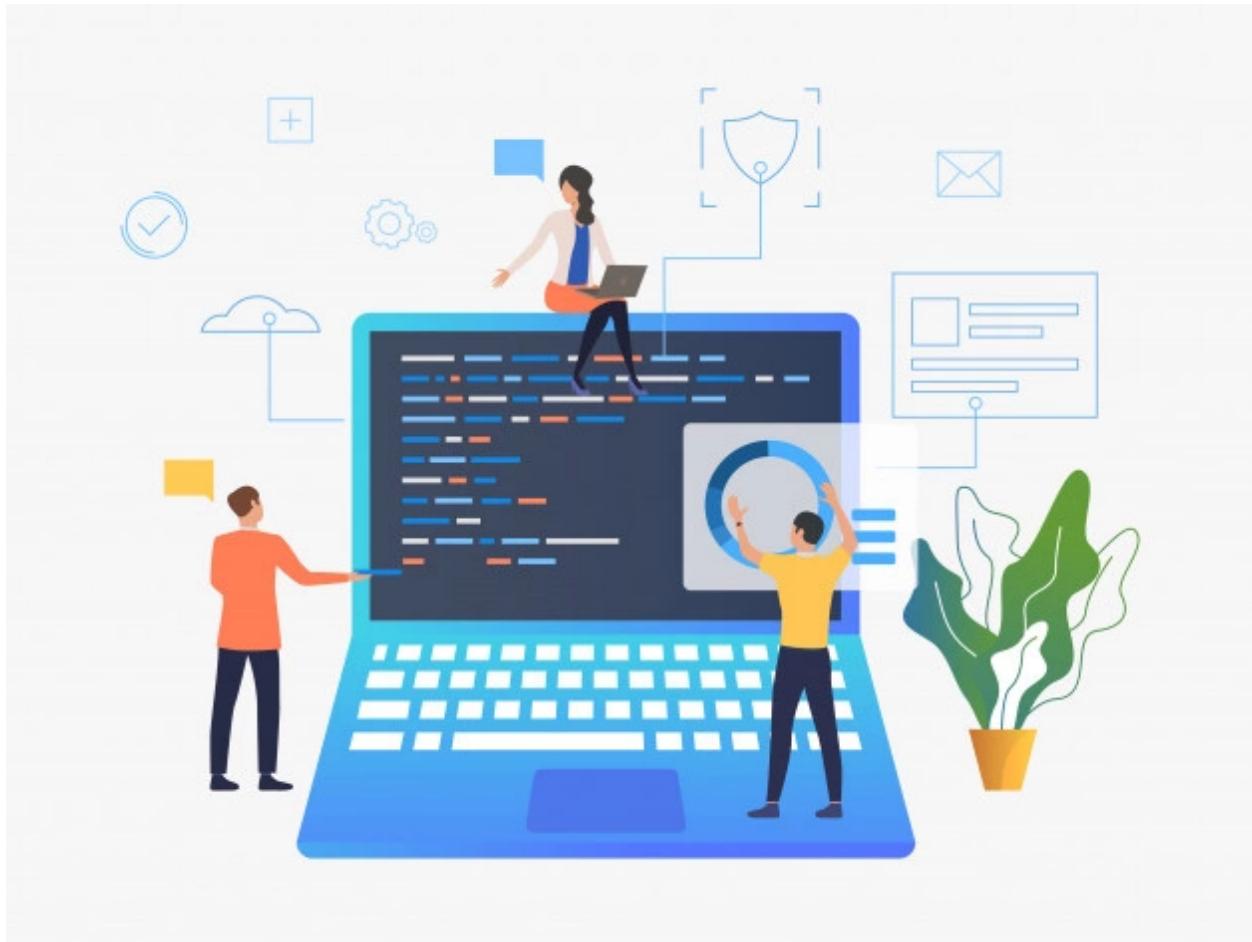


WEB TECHNOLOGY REPORT



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ABOUT

Naivedya is a virtual restaurant. We have made a table booking cum online food ordering website using Html, css, javascript, mongoose and node js. Naivedya means holy or divine offering. We named it our website Naivedya to add an indigenous touch.

TOOLS

Server Side:

- **Node JS:**

Node.js is an open-source, cross-platform, back-end JavaScript runtime environment that runs on the V8 engine and executes JavaScript code outside a web browser.

- **Express JS:**

Express.js, or simply Express, is a back end web application framework for Node.js, released as free and open-source software under the MIT License. It is designed for building web applications and APIs. It has been called the de facto standard server framework for Node.js

- **Mongoose:**

Mongoose is an Object Data Modeling (ODM) library for MongoDB and Node. js. It manages relationships between data, provides schema validation, and is used to translate between objects in code and the representation of those objects in MongoDB.

- **Stripe:**

Stripe is an online payment processing platform that allows businesses to send and receive payments over the internet.



Client Side:

- **HTML, CSS, JS:**

HTML provides the *basic structure* of sites, which is enhanced and modified by other technologies like CSS and JavaScript. CSS is used to control *presentation, formatting, and layout*. JavaScript is used to control the *behavior* of different elements.

- **Handlebars:**

Handlebars is a simple templating language. It uses a template and an input object to generate HTML or other text formats.

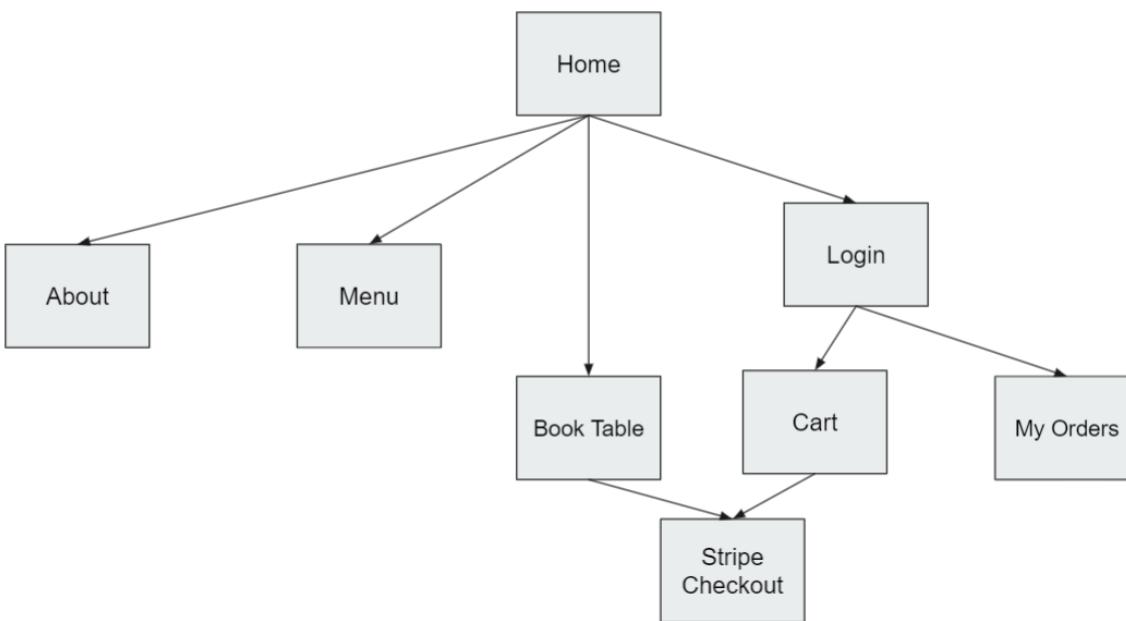


WEBSITE ARCHITECTURE

- We have connected our server to mongodb database in index.js using mongoose. In order to keep our database secure we have added the mongo uri in config.env file for Production stage.
- We have used handlebars templating engine in order to render our frontend web pages.

- We are using google oauth2.0 strategy in order to authenticate users. We have also used stripe API In order to enable payments. We make a post request to api from client side.
- **Routes** handle user navigation to various URLs throughout your application. HTTP, short for HyperText Transfer Protocol, communicates and facilitates data from our **Express** server to the web browser.

FLOW OF THE PROJECT



Flow of the Project

DETAILS

- By default the root route renders the home page for the user. From the home page the navbar Directs user to other web pages.
- If the user wants to book a table the user can go to that page and fill in the details required there and the user is charged 50 Rs. per person for booking a table irrespective of whether the customer turns up or not. The customer can click the book table button to proceed to the payment page. Then the stripe API validates details and makes required payment.
- If user wants to order food online, there is a provision of menu that provides a list of all food items. User can appropriately choose items, increase or decrease quantity or even remove items suitable via an interactive UI. There is by default 40 rupees delivery charge. After user is done placing order, stripe API validates payment suitably.

SNAPSHOTS

HOME PAGE:



Nai_{vedya}

Home About Menu Login Book Table

Enjoy Our Delicious Meal

We at Naivedya believe that food is divine. Enjoy our delicious meals by simply browsing our menu page and adding them to the cart. We accept orders from 10 am to 9 pm. We are open on all days.

[Explore Now](#)

Our Services



Excellent Food

We offer our clients excellent quality services for many years, with the best and delicious food in the city.



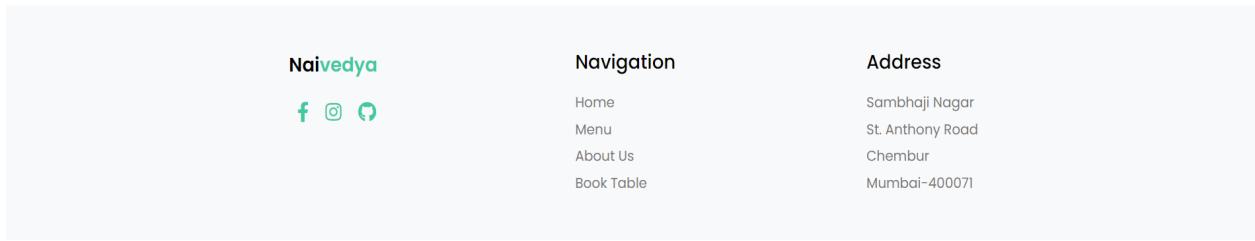
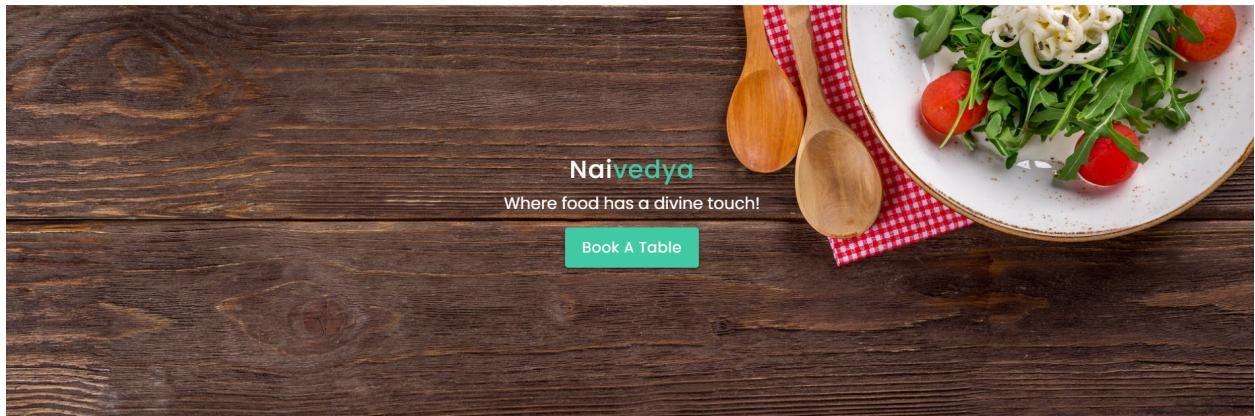
Fast Food

We offer our clients excellent quality services for many years, with the best and delicious food in the city.

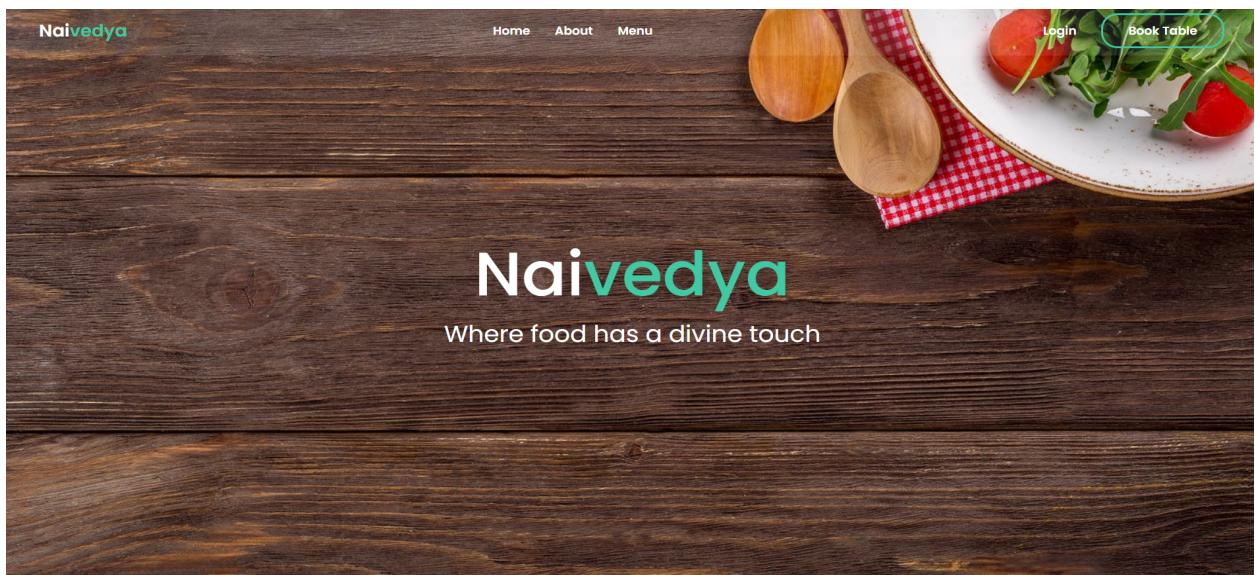


Delivery

We offer our clients excellent quality services for many years, with the best and delicious food in the city.



ABOUT US PAGE





Motivation

We realize numerous individuals love Indian sustenance, yet a large number of them loathe or are unconscious of the regularly unfortunate fixings that make run of the mill Indian nourishment taste so great. Our menu highlights things that utilization the sound and fragrant flavors, however forgets the stuffing ghee, spread, oil, and overwhelming cream.



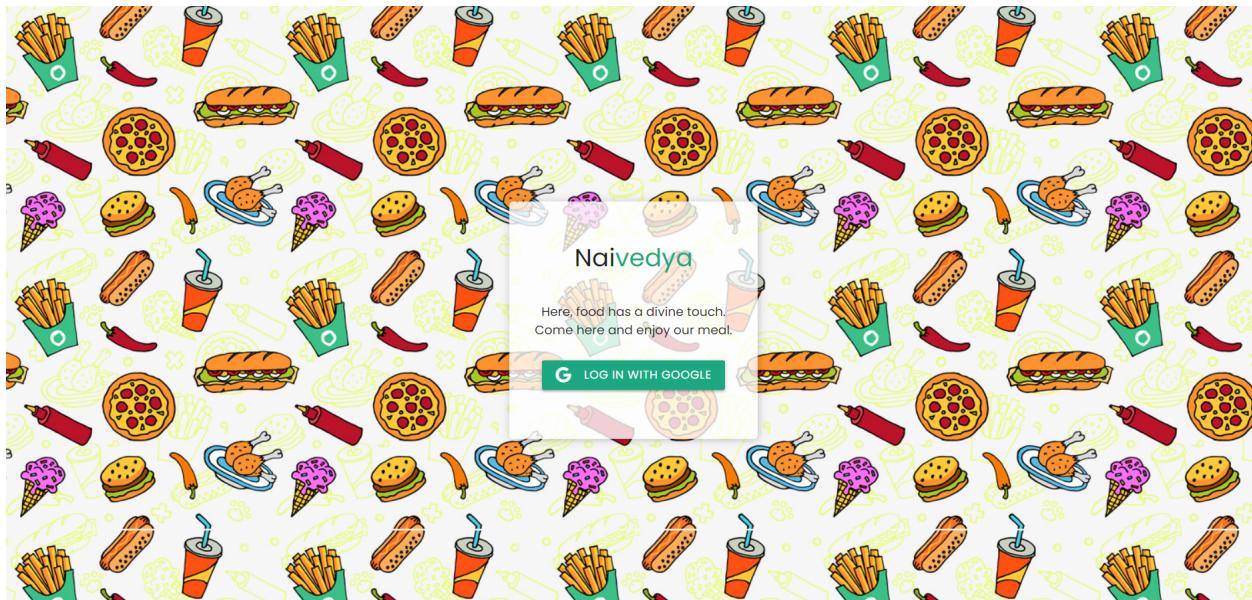
Significance

We serve food fresh and hot. Moreover, we have food of all cuisines. Naivedya (Sanskrit: नैवेद्य) is a Sanskrit word meaning 'offering to God' in the stricter sense of the words. It could be any offering, tangible or intangible. A resolution, a promise or even a willingness to do, perform or restrict certain things can also connote an offering to God. We consider food to be very precious and encourage you not to waste it.

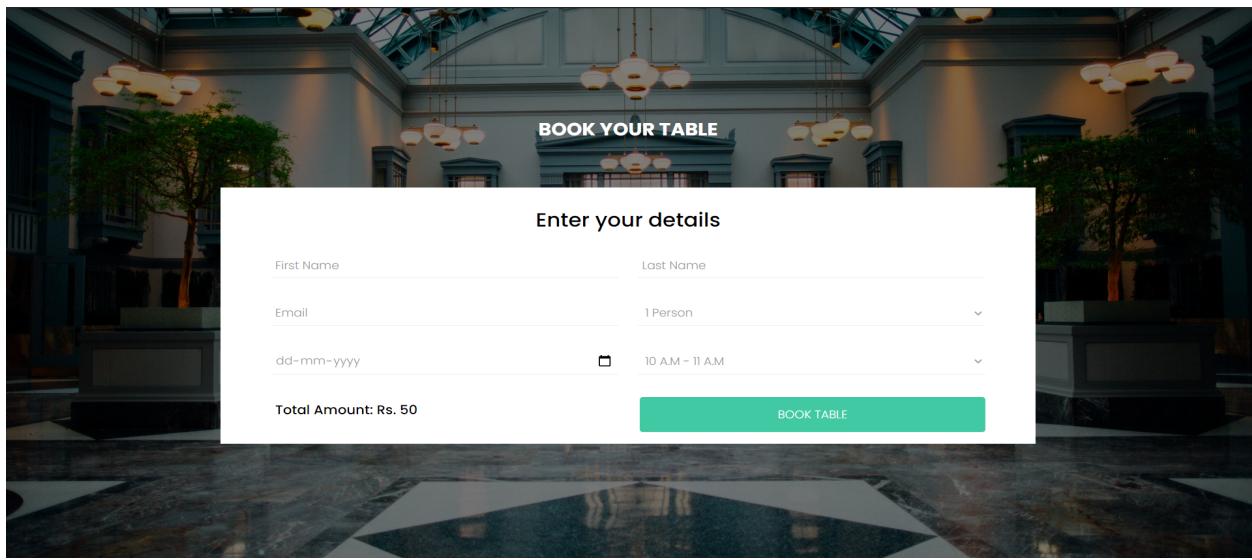


Naivedya f i t	Navigation Home Menu About Us Book Table	Address Sambhaji Nagar St. Anthony Road Chembur Mumbai-400071
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LOGIN:



BOOK A TABLE:



CART:

Naivedya

Home About Menu Cart Logout Book Table

My Cart



Your cart is empty!
Add items to it now.

[Shop Now](#)

Naivedya

[f](#) [i](#) [o](#)

Navigation

Home
Menu
About Us
Book Table

Address

Sambhaji Nagar
St. Anthony Road
Chembur
Mumbai-400071

Naivedya

Home About Menu Cart Logout Book Table

My Cart

 Vada Pav Popular Maharashtrian dish Rs 16	 Remove	Price Details
 Roti An assortment of Indian breads. Rs 10	 Remove	Price Rs 86 Delivery Charges Rs 40 Total Price Rs 126
 Masala Dosa Tasty Dosa From the land of South India Rs 60	 Remove	PLACE ORDER

An assortment of Indian breads.
Rs 10

Masala Dosa
Tasty Dosa From the land of South India
Rs 60

Naivedya

Navigation

- Home
- Menu
- About Us
- Book Table

Address

Sambhaji Nagar
St. Anthony Road
Chembur
Mumbai-400071

MENU:

Naivedya

Home About Menu Cart Logout Book Table

Search

Featured

Vada Pav Popular Maharashtrian dish Rs 16.00 Add To Cart	Roti An assortment of Indian breads. Rs 10.00 Add To Cart	Masala Dosa Tasty Dosa From the land of South India Rs 60.00 Add To Cart	Rice Tasty West Bengalian Rice Rs 20.00 Add To Cart
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Kheer

**Kheer**

Sweet Rice mixed with milk.

Rs 89.00

[Add To Cart](#)

Naivedya

Navigation

[Home](#) [Menu](#) [About Us](#) [Book Table](#)

Address

Sambhaji Nagar
St. Anthony Road
Chembur
Mumbai-400071

My Orders:

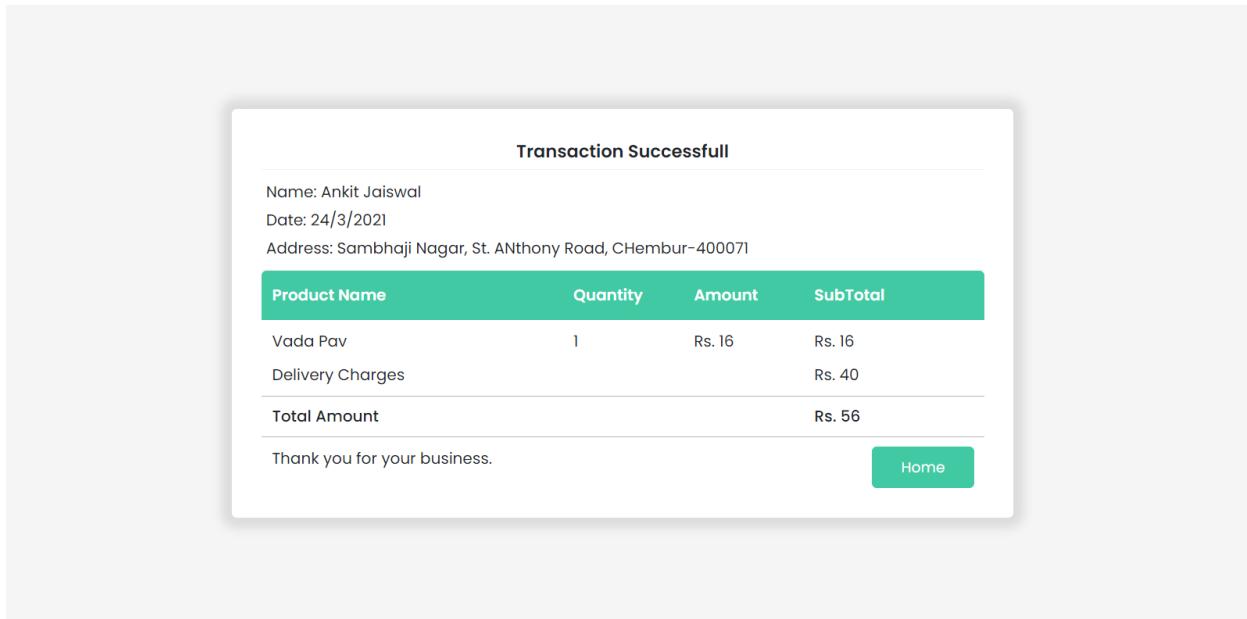
Naivedya

[Home](#) [About](#) [Menu](#) [Cart](#) [Orders](#) [Logout](#) [Book Table](#)

My Orders

	Roti Quantity: 4	Rs 10	Delivered on May 25, 2021
	Medu Vada Quantity: 1	Rs 50	Delivered on May 25, 2021
	Ragda Samosa Quantity: 2	Rs 100	Delivered on May 25, 2021
	Aloo Tikki Chaat Quantity: 1	Rs 75	Delivered on May 25, 2021

Success:



LEARNING OUTCOMES

- Making a responsive and interactive user interface using html,css and javascript.
- Using version control systems like git and using github.
- Using CSS frameworks like bootstrap and materialise UI.Also learnt jquery.
- Server side frameworks such as node js and express js.
- Using database frameworks i.e. mongoose to manage unstructured data.
- Integrating online card payments using stripe API.
- User authentication using passport js.