

Front-end Engineering Assignment

EXPENSE MANAGER

1. How to run:

step1:

- Install Mongoddb
- open mongoddb folder
- go to bin, open bin folder
- open terminal and enter command -- `./mongod --dbpath=/*path to the bin including bin folder*/`
- open another terminal in same directory and enter command -- `./mongo`

step2:

- Open Innovaccer folder
- Install nodejs
- Run server by entering command on terminal -- `$node server.js`
- Open browser enter url: "localhost:3000". 3000 is port number on which server is listening.

2. Accessing Expense manager web app:

- First you need to register yourself.
- Login yourself.
- You will be directed to a new login page.
- You can access following fields by clicking on navigation bar options.
- You will see a show expenses button when clicked, it will show you all your expenses if added else nothing .
- Next is summary pie chart giving you visual representation of your expenses.

- Then in the next field you can add expense of items as per your need and when you click add button expense is added.
- You can logout at any time you want.

3. Features:

- App is made responsive with the help of bootstrap.
- Web App comprises of two web pages: index.html, login.html
- **index.html**
 - Navigation bar has 4 options you can explore them by clicking on them.
 - In register field validation is put that mobile number should be of 10-digit and you won't be able to enter more than 10-digits.
- **login.html**
 - Navigation bar has 4 options and 1 logout option you can explore them by clicking on them.
 - The first option that is expense view has a button Show expense clicking which will give you table of your expenses.
- Password and username validation is done at login time.
- You won't be able to login if not registered.
- Alert and sweetalert messages are popped up in various situation like:
 - When the user enter the wrong password while login.
 - Try to login if not registered.
 - When login successfully.
 - When bill is added. Etc.
- Various fields can be explored on web page with the help of navigation options.
- Session management is done that is you won't be able to go to login page until you have not logged in, despite you try to open it directly from the folder it will give you an alert to login and will redirect you to index page.

- Contact me feature is added that will navigate you to my facebook page when clicked on facebook icon.
- Screenshots are provided.

4. Technologies used:

- Nodejs, bootstrap, CSS, HTML.
- Programs can be found: server.js(INNOVACCER->server.js), index.html(INNOVACCER->public->index.html), login.html(INNOVACCER->public->login.html).
- Screenshots of various events are attached and can be found in(INNOVACCER->screenshots).

THANK YOU.....