

University of Rajshahi



“House Renting”

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What is House Renting?

House renting is a web application that is people can advertise their own house and people can view house advertisement who want to rent house.

Scope of the Project

- ❑ the project is built an online platform specially for house renting purpose.
- ❑ This is an E-commerce platform.
- ❑ This project is chosen for business purposes.

Objective of my Project

- ❑ It is simple and easiest way to give an advertisement.
- ❑ An adviser advising his house with picture and description and other necessary things and other people view advertise who want to house rent.
- ❑ House renter and house advertiser will communicate throw phone number.
- ❑ Real time communication is included.
- ❑ It is reduced time and cost both renter and advertiser.

Background Study

❑ Local market:

- As I know, there is one website available name as “bproperty”.
- It is no more popular and effective.

Link: <https://www.bproperty.com/>

❑ Global market:

- In development countries about 96% people find their house in online.
- House renting system is most popular.

Link: <https://www.lacartedescolocs.fr/>

Link: <https://www.spotahome.com/>

Feasibility Study

❑ **Technical:**

- I have 1 year experience on angular for Front-End design and 6 month experience on node.js framework for Back-End design.

❑ **Economical:**

- This is business purpose project.
- There is no more competitive web application for house renting. So, expected benefit will coming soon.

❑ **Environmental:**

- This is such as project that is good impact of all class of professionals.
- Trustworthy provide transaction.
- To give wrong information by cheat people will be prevent.

Application Area

- ❑ This Project is used as business purposes.
- ❑ Actually, this project will be get popularity who live in urban area.
- ❑ All class of professionals will be most popularities.

Use Technology

☐ Client Side

- HTML
- CSS
- Bootstrap 4
- Angular Materials
- Angular 6

☐ Server Side

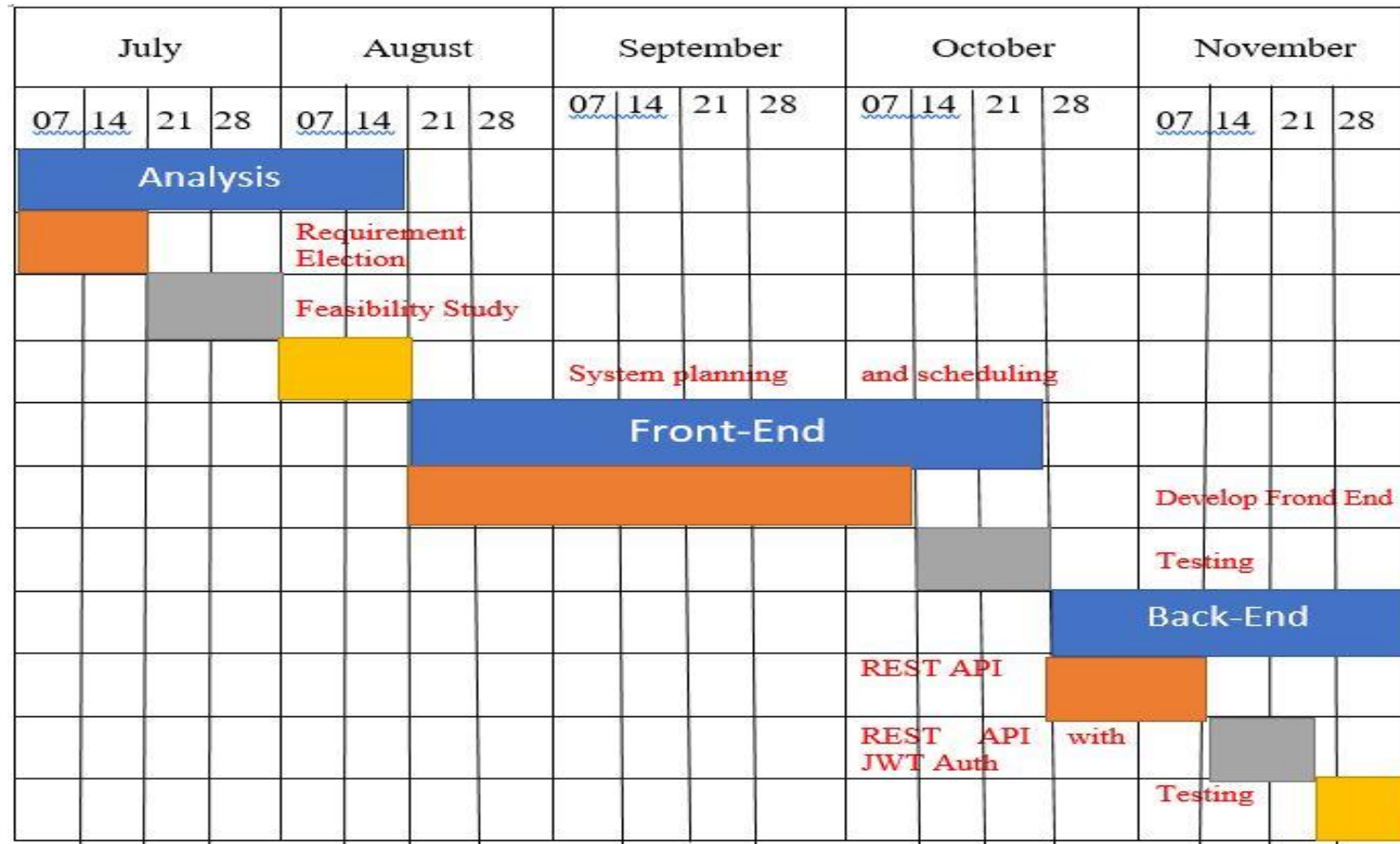
- ☐ Language
 - JavaScript
- ☐ Framework
 - Node JS
- ☐ Database
 - MongoDB

Implementation Plan

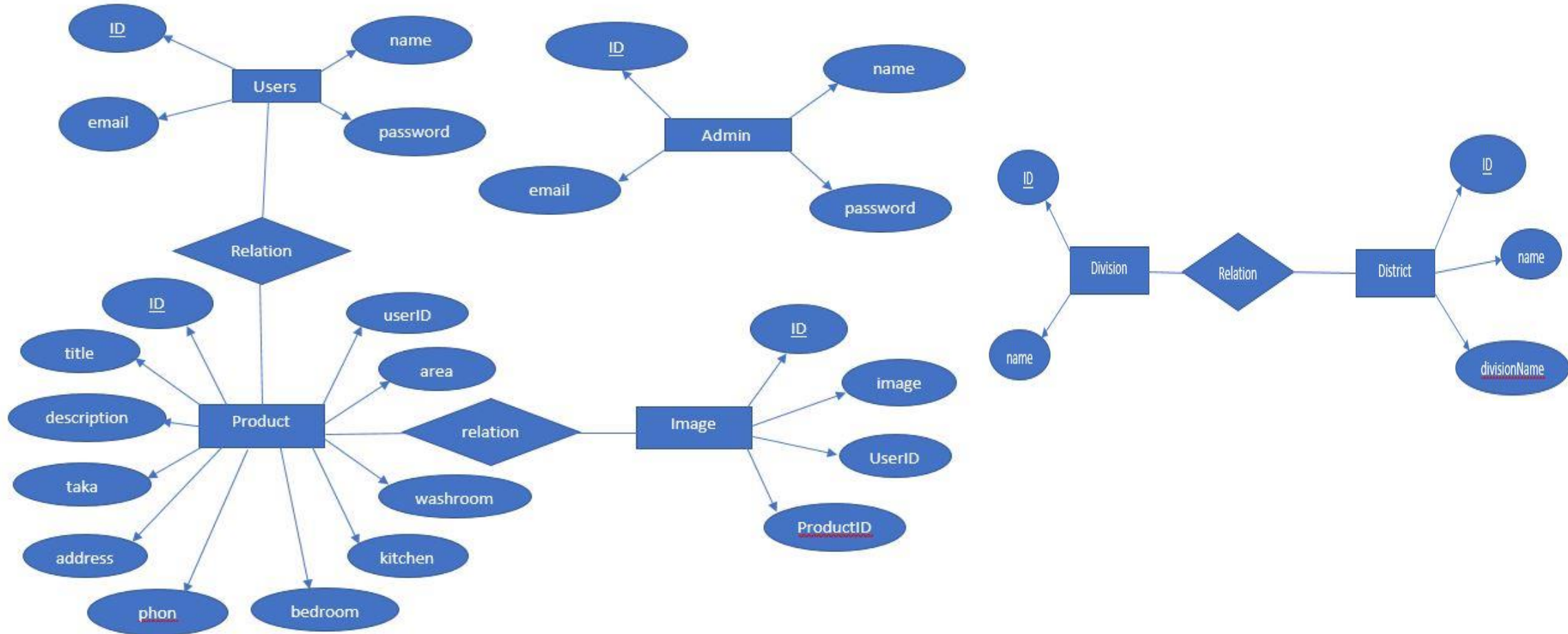
Task list and require time for this project is given the below:

Task Name	Start Date	End Date
❖ Analysis	24-07-2018	12-08-2018
➤ Requirement election	24-07-2018	31-07-2018
➤ Feasibility Study	01-08-2018	06-08-2018
➤ System Planning and Scheduling	07-08-2018	12-08-2018
❖ Front end	15-08-2018	25-10-2018
➤ Develop font end	15-08-2018	20-10-2018
➤ Testing Front-End	21-10-2018	30-10-2018
❖ Backend	31-10-2018	30-11-2018
➤ Node.js REST API	31-10-2018	15-11-2018
➤ REST API with JWT Authentication	16-11-2018	21-11-2018
➤ Testing Back-End	22-11-2018	30-11-2018

Gantt Chart



Relational Database(ER Diagram)



Expected Outcome

- ❑ Complete business Platform.
- ❑ It is reduce time and cost for both renter and advertiser.
- ❑ It is help to hurry up to find a house for rent.