Hostel Management System

Group 5

Group Contribution

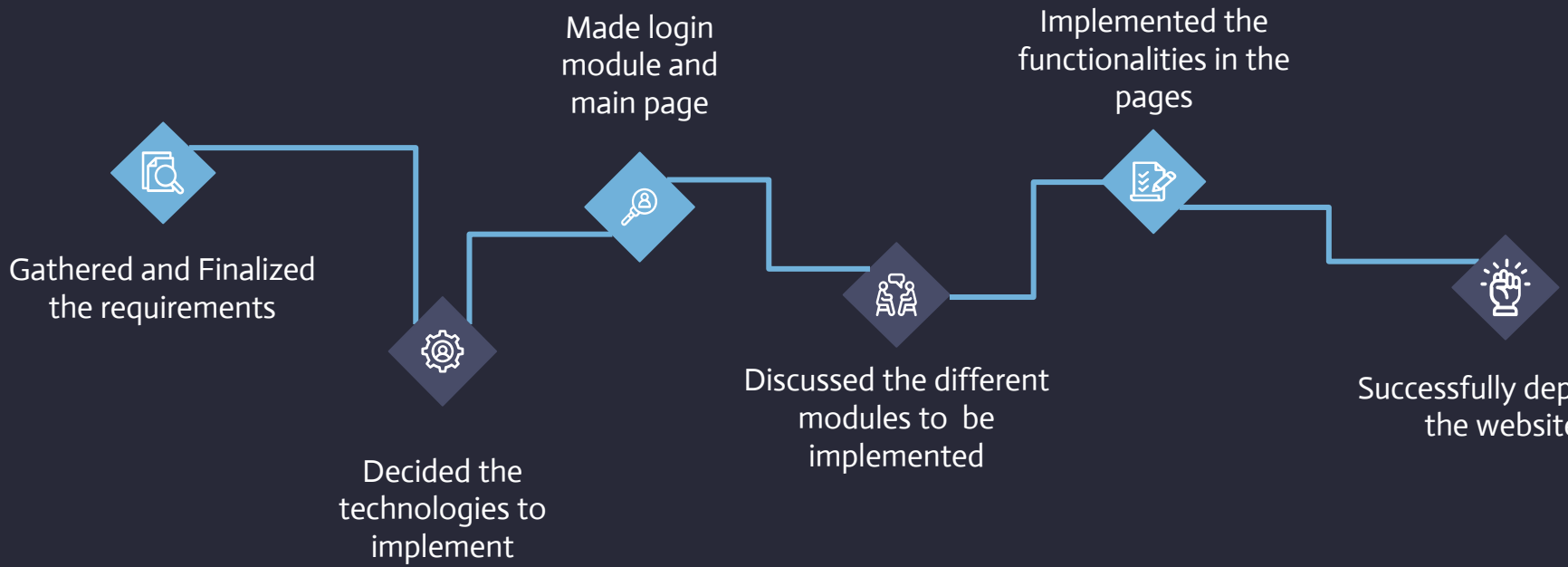
Parkarsh Mathur (Group leader)	202001012
Fagun Vora	202001013
Kamal Patel	202001018
Romit Tejani	202001026
Harsh Chirag Patel	202001032
Vishrut Shah	202001039
Kirtan Shah	202001043
Vushil Bhavsar	202001054

For details:
Contributions

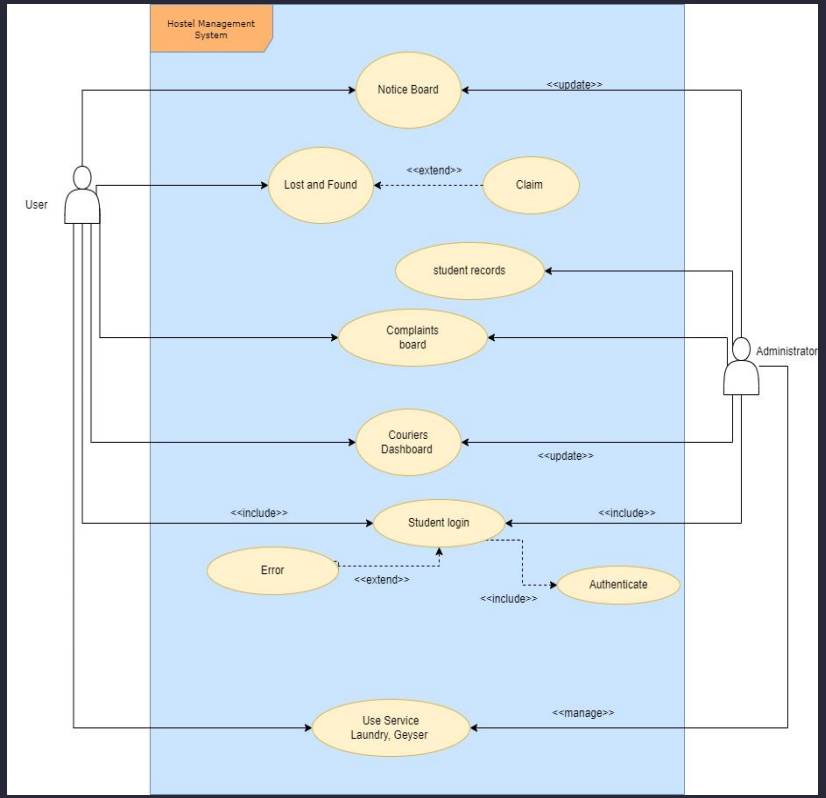
Objectives

- User-Friendly, Effective and efficient web-interface
- This website is to simplify the hostel proceedings using functionalities like
  - Notice panel
  - Lost and found items
  - Couriers
  - Complaints
- Admin and student login segregation.
- To better facilitate students with hostel facilities.

Milestones


Gathered and Finalized the requirements
Decided the technologies to implement
Made login module and main page
Discussed the different modules to be implemented
Implemented the functionalities in the pages
Successfully deployed the website

Use Case Diagram



Lessons learnt

- How to work as a team.
- How to use github(specially when working on same branch with multiple collaborators).
- Learn development tools like React.js and Node.js.
- NoSQL databases like MongoDB database.
- How to modify and incorporate open source code to our functionality.
- Debugging with different types of testings.

Achievements

- Built a full stack web application using MERN stack.
- Gained experience of various testing techniques.
- Using git tools for managing collaborators and branches.
- Deployment of the website.
- Applying most of the functionalities in a given period of time.

Mistakes

- Initially the usage of technologies available was not up to the mark.
- Thought of the website only from the laptop screens' perspective.
- Some bugs got introduced because of wrong usage of git stash.
- Usage of templates took a lot of time than expected.
- GUI testing results were not fully incorporated due to lack of time management.

Rating of the software artifacts

4/5

Rating of the project

8/10

Thank You