

# Proposal for Student Approvals Portal

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# Outline

- 1 Technology
- 2 Login
- 3 Types of Approvals Supported
- 4 Settings
- 5 Actors
- 6 Functionalities at Each Level

# Languages Used

- 1 MySQL (For CRUD database)
- 2 NodeJS/ReactJS (Backend, integration with SQL)
- 3 HTML/CSS (Frontend)

# Login

Login credentials:

- 1 Clearance Level (?)
- 2 Username
- 3 Password
- 4 Forgot password (How to identify?)
- 5 Captcha (Possibly?)

Checks for incorrect password, usernames.

# List of Approvals

- ① Housing Approval
  - ① Guest House Approval
  - ② Hostel Room Approval
  - ③ Married Student Housing Approval
  - ④ Day Scholar Approval
- ② Mess Approval
- ③ Scholarship Approval
- ④ Leave Approval
- ⑤ Course Change Approval (?)
- ⑥ Project Approval
  - ① Approval for research/project proposal
  - ② Approval for use of equipments

# User Settings

- 1 Edit profile
- 2 Change password
- 3 Log out
- 4 Accessibility

# Classes of Actors

- ① Students
  - ① B. Tech/ B. Des Students
  - ② M. Tech Students
  - ③ Ph. D. Students
- ② Approvers
- ③ Admin

# Admin

- ① Add users
- ② View users
- ③ Delete users
- ④ View tickets
- ⑤ Reply to ticket
- ⑥ Close ticket
- ⑦ Edit approvals
- ⑧ Delete approvals



# Approvers

- 1 View approval requests
- 2 Edit approval requests
- 3 Raise tickets
- 4 View tickets
- 5 Reply to tickets
- 6 Close tickets

# Students

- ① Request approval
- ② View approval requests
- ③ Edit approval requests
- ④ Submit approval request
- ⑤ Delete approval requests
- ⑥ Raise ticket
- ⑦ View raised tickets
- ⑧ Follow-up on raised tickets