**NAME:** TRISHA S

**SEAT NO.:** 79

**PROJECT ID:** 39

**PROBLEM STATEMENT**: BIT Staff Quarters Portal  
A customized portal need to be created for BIT staff quarters which includes inmate & their family members details, check in & check out form, Complaint registration form, Garden Cleaning form, Faculties in & out details during GP

**IDEA:**

The purpose of the app is to provide the quarters residents a technological solution to consolidate their residential details, their check-in/ check-out details, post their complaints and much more features to enable the staff and the college management to track and monitor the residential activities.

The app is exclusively for the staff staying in BIT Staff Quarters and the college management. The app can also be used by the security and the workers in charge to a limited level. The admin access is restricted only to the college administration and the user level access is granted only to the staff. The workers in charge and the security are given partial access only to view the details required for them.

**FUNCTIONALITY:**

* **User Management**
  + Quarters staffs can login and access the portal using their mail ID
  + The admin access is given to the college management, they can view the user profiles.
  + Partial admin access is given to the quarter’s security and quarters in charge to view details required by them
  + The admin login also demands a security pin to ensure appropriate access
* **User and Inmate profile**
  + The user and inmate details can be viewed through the portal by the user and the admin
* **Complaint registration**
  + The users can access a form to fill in any complaints related to the quarters and the consolidated list of all complaints filed in a day can be viewed by the quarters in charge
  + The quarters in charge have the privilege to update the work completion status
* **Guest Details**
  + The inmate staff has to update the guest check-in/ check-out details through the portal
  + The security and college authorities get the privilege to view the details
  + The security can verify the details and update the verification status
* **Inmate check-in/check-out details**
  + The inmate check-in/ check-out details during GP should be updated in the portal
  + The inmate check-in/check-out details are verified by the security

**WORKFLOW:**

