**inSight 2017**

**Department** : Hostel Office

**Problem Title** : Digital hostel resident’s record and complaint

Management

**Problem code**  : PS01

**Proposed solution** :

The idea is to provide the effective solution for the hostel office by developing software which reduces the man power and time.

The hostel officers (5 to 6 members) will be provided by user name and password they can login into the software and in same page the option will be provided to the student to register the complaint.

The officers can access the entire page after login in the next page there will be an activity area where there will be four options such as personal details, academic details, hostel details, view complaint. The officers as admin can enter the details of the student with respect to personal, academic, hostel details by clicking into each button there will be new page where the hostel officers will able to read or edit the data of the students. And in view complaint page there will be access to both student and officer.

When students click on register complaints he will be directed to this page. He can register the complaint by giving proper information, and the complaint will be registered. The button view complaint will be highlighted to the admin activity page and he can solve the issue.

As soon as the officer opens this page the button (viewed) which will be present in the bottom of the page will get highlighted by this student will come to know whether the hostel officers have gone through his complaint, after his problem will be solved he will be having option called cleared, if he clicks on that then the activity page (view complaint) of the admin will be not highlighted until new complain is registered by the student.

**Technology stack:**

We are using the android App for development of our application.

Application are usually developed using java programming language and also

For design we use xml format.

**Use case Diagram:**

Tracking complaint