**PROJECT TITLE: OUTPASS AND COMPLAINTS**

**GROUP MEMBERS:**

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**OVERVIEW OF ENTIRE PROJECT:**

The project can be divided into 2 parts . The outpass generation for leaving campus and logging of complaints in case of any problems found regarding mess, hostel or academic side.

We have created a web application in which students can login and do any of the above mentioned tasks and faculty can also login to their respective account and view the same generated by the students and take actions accordingly.

Note:

* Backend is present in ‘formdata.js’
* Front end is present in all the files in ‘views’,‘styles’,’pics’ folders

(the above folders and files have been shared)

**OUTPASS:**

**OVERVIEW :**

The outpass generation has 2 main parts . One is the student side in which the student can login to their respective accounts and then generate the outpass request for the duration they are leaving the campus.

On generating the outpass ,the student’s faculty advisor will automatically be sent an email that the student has generated an outpass.

Once generated the outpass details will be sent to respective faculty advisor who can approve or disapprove the request of outpass.

If the faculty advisor approves the outpass , the request will be then sent to the hostel warden for final verification (hostel warden will also receive an email when the faculty advisor approves) . If approved by hostel warden the student outpass details will be sent to the security in charge .

Students also have the ability to view history of outpass and complaints generated by clicking the ‘history’ button present on the home page.

The security in charge can keep track of students leaving the campus by logging in to their account Where it will be show details of all the students who are approved to leave campus.

The security has the option of ‘completed’ ,which when clicked will end the outpass for that particular student and he/she can now login and generate another outpass.(note: student cannot generate another outpass until security clicks on ‘complete’ for that outpass)

**PROGRAMMING LANGUAGES USED:**

**For the frontend of the web application:**

-HTML

-CSS

-JAVASCRIPT

**For the backend of the web application:**

-NODEJS

-EXPRESSJS  
-EJS

-MYSQL

-JAVASCRIPT

**COMPLAINTS:**

**OVERVIEW:**

The complaints part of the project has 2 main parts . One is the student side where the student can login and generate a complaint based on one of the 3 categories - Mess , Hostel, Academic .

The other side is the faculty side where the respective faculty in charge can login and view the complaint generated and take decisions accordingly.

Once the complaint is generated it will be sent to respective faculty in charge accordingly. The faculty in charge can make note of the complaint and have an option called ‘seen’ .On clicking seen the complaint disappears and the student has the ability to generate another complaint if needed.

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**For the backend of the web application:**

-NODEJS

-EXPRESSJS  
-EJS

-MYSQL

-JAVASCRIPT

**SYSTEM REQUIREMENTS:**

* Will run on any operating system (windows 7 and above,ubuntu,macos) as long as the installation process is followed as directed.
* Will run on 4gb ram devices and higher
* Will run as long as above mentioned programming languages are properly installed .
* preferred search engine to host local server -‘GOOGLE CHROME’.