

**A PROJECT REPORT**  
**ON**  
**Web Application for Hostel-  
Mess Management**

**Bachelor of Technology**

**By**

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**DEHRADUN**

**2021-2022**

## DECLARATION

I, **Abhishek Singh** student of **B-tech, Semester 4**, Department of Computer Science and Engineering, Graphic Era Deemed University, Dehradun, declare that the technical project work entitled “Detecting Fake News with python and Machine Learning” has been carried out by me and submitted in partial fulfillment of the course requirements for the award of degree in B-tech of **Graphic Era Deemed University** during the academic year **2021-2022**. The matter embodied in this synopsis has not been submitted to any other university or institution for the award of any other degree or diploma.

Date:14/07/22



## **CERTIFICATE**

This is to certify that the project report entitled “Web Application For Hostel-Mess Management” is a Bonafede project work carried out by Abhishek Singh, roll no- 2017447 in partial fulfillment of award of degree of B- tech of Graphic Era Deemed University, Dehradun during the academic year 2021- 2022. It is certified that all corrections/suggestions indicated for internal assessment have been incorporated. The project has been approved as it satisfies the academic requirements

associated with the degree mentioned.

**Dr. Devesh Pratap Singh,  
HOD (Computer Science)**

# ACKNOWLEDGEMENT

Here by I am submitting the project report on “**Web Application for Hostel-Mess Management**” as per the scheme of Graphic Era Deemed University, Dehradun.

I would like to express our sincere gratitude to **Dr. Devesh Pratap Singh**, Head of Dept. of Computer Science, for providing a congenial environment to work in and carry out our project.

I consider it mine cardinal duty to express the deepest sense of gratitude to **Ms. Meenakshi Maindola** Asst. Professor, Department of Computer Science and Application for the invaluable guidance extended at every stage and in every possible way.

I would like to also thanks Scyphi labs for helping me in better understanding each component of topic in an interesting way.

Finally, I am very much thankful to all the faculty members of the Department of Computer Science and Technology, friends and our parents for their constant encouragement, support and help throughout the period of project conduction.

Abhishek Singh  
Roll no. 2017447

# INTRODUCTION

In the mini project assigned to me, I was asked to develop a 'Web Application for Hostel and Mess Management'. The interface having two parts: one for students opting for Hostel/Mess and other for the admin to keep track of all the student applied or living in hostels or a part of Mess daily routine.

For this, a student studying in Graphic Era Deemed to Be University / Graphic Era Hill University may apply thorough an application portal for Hostel rooms or any day scholar may apply for having lunch in college mess. On the second end of portal, admin should receive that request and allot a room to hostel seeker if available and maintain the records of hostellers and day scholars who are having lunch in the college mess.

In our college (Graphic Era University), there is mess for hostellers only. No healthy food- facilities are given to scholars, except the canteens, which provide fast food only. Either, day scholars must carry their lunch boxes, or they have to miss their noon-meal at all. There should be a provision of healthy food from mess to daily comers as well. To keep track of hostellers, rooms available, and mess food consumers a system is required. This project is built to meet the requirement for the same. It will keep records of

- \*The students residing in hostels.
- \*Number of Beds available
- \*Applications for hostel rooms
- \*Applications for mess
- \*Total students eating in college mess
- \*Allocating rooms to students who have applied

# TOOLS USED:

## HTML:

Project required HTML (Hyper Text Markup Language) to design the basic framework of Web Application. I used HTML to design webpages to be displayed on web browser.

## CSS:

CSS (Cascading Style Sheets) are used in the project to assist HTML framework to look webpages more attractive and friendly.

## JAVASCRIPT:

I used JavaScript for the backend process designing of this web application. JavaScript will process password validation during login in student or admin.

# METHODOLOGY:

- **THE HOMEPAGE:**

Homepage of the designed web application gives overview of Hostel and Mess of graphic era university. It contains segments:

- **\* Navigation Bar:**

The navigation bar has buttons to operate over the homepage as per requirements. It has 'Home button' to return to the home from any section of webpage or other login pages, 'About button' to read about the Graphic Era Hostels, 'Graphic Era Hostel Gallery button' to redirect to a page having images related to hostel and a 'Contact Us button' to take you to the bottom of webpage having contact information.



- **\*Login Buttons:**

Two different login buttons are given to redirect to pages of logging in as student or admin.



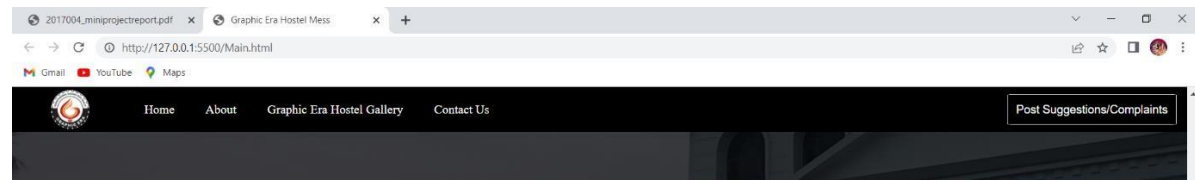
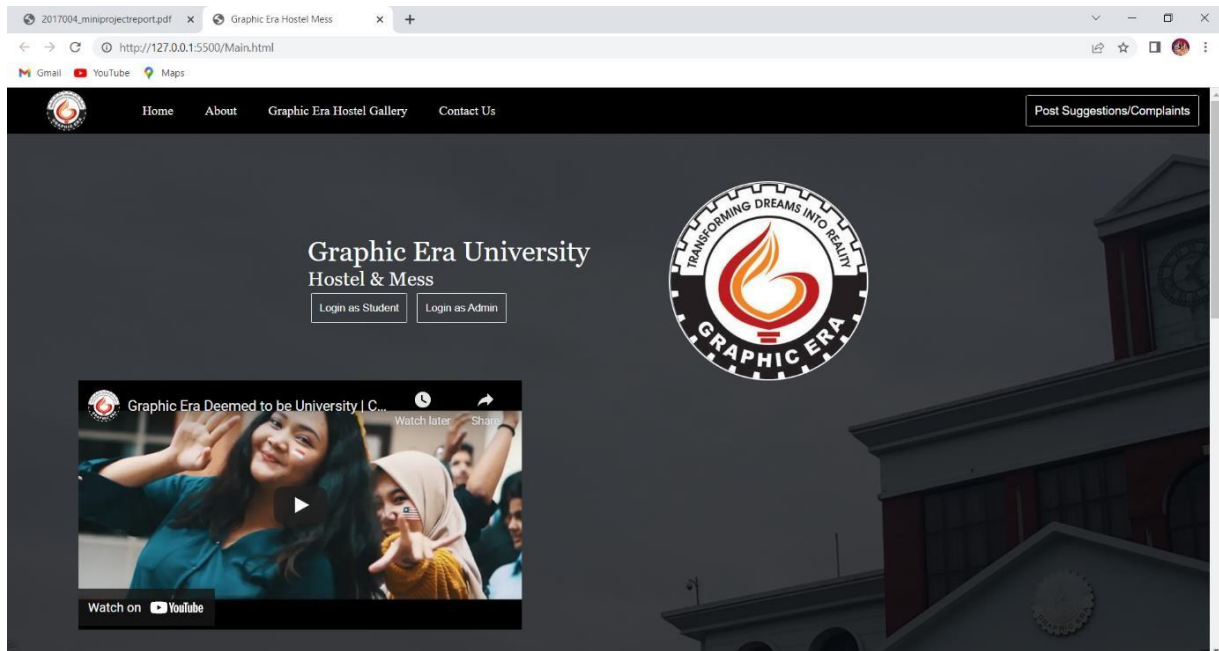
**\*About:**

An about section is given to give a slight overview of hostel and mess facilities.

**\*Contact us:**

This section provides different contact details- email, phone numbers and social media websites.

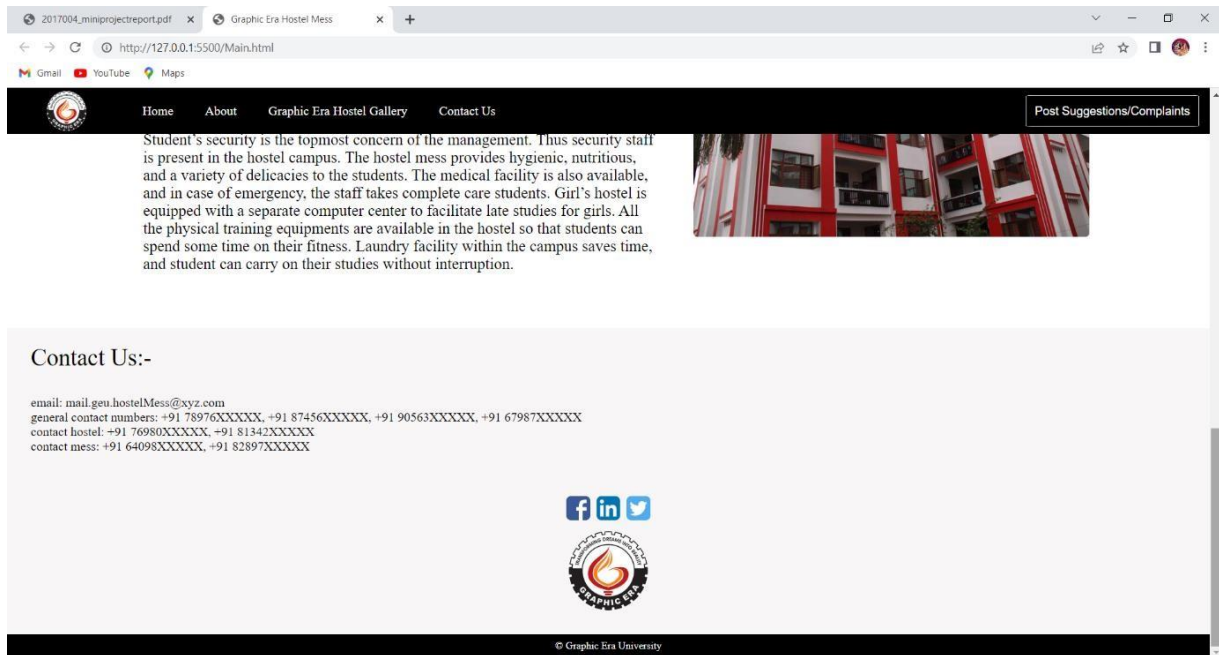




## About

Graphic Era University comprises of separate hostels for boys and girls. The management tried best to provide a second home to the students. The surrounding is beautiful and refreshing that gives an ideal environment for studies. Hostel rooms are airy and spacious with all the basic amenities such as a table, chair, wardrobe, study table, etc. Certain guidelines are explained to students when they join hostel, and students have to abide by the hostel rules. Management takes strict action in case of violation. Girl's hostel, as well as boy's hostel, has separate warden that looks after the discipline and requirements of students. Electricity and water supply is available 24/7. Student's security is the topmost concern of the management. Thus security staff is present in the hostel campus. The hostel mess provides hygienic, nutritious, and a variety of delicacies to the students. The medical facility is also available, and in case of emergency, the staff takes complete care students. Girl's hostel is equipped with a separate computer center to facilitate late studies for girls. All the physical training equipments are available in the hostel so that students can spend some time on their fitness. Laundry facility within the campus saves time, and student can carry on their studies without interruption.





- **LOGIN PAGES:**

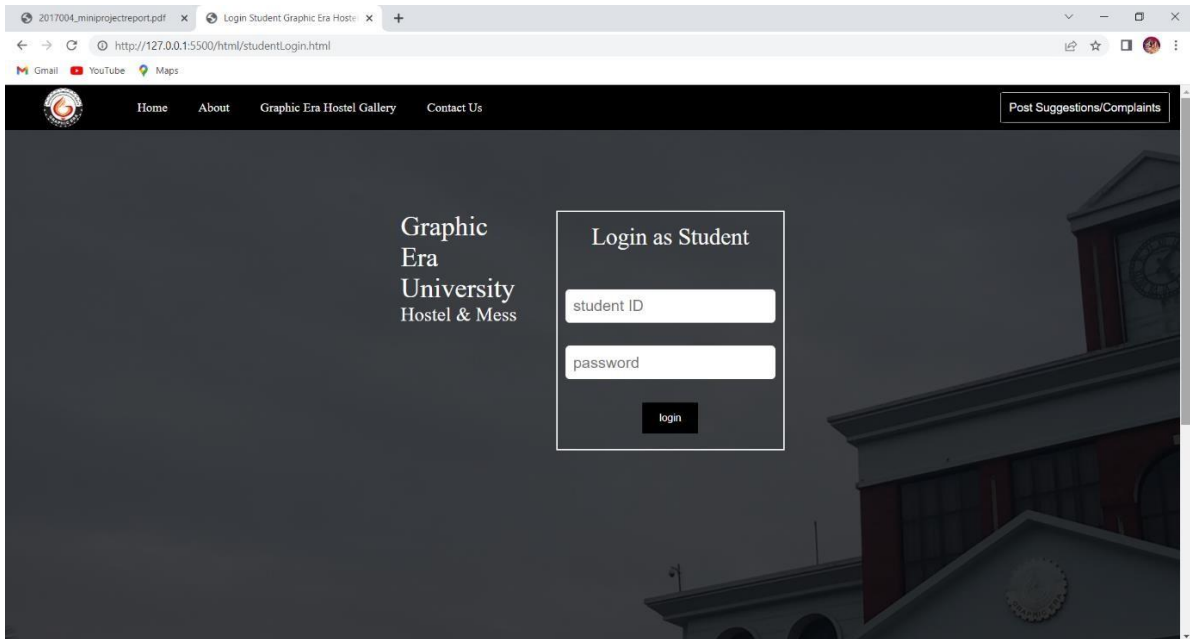
Two different login pages are providing for administrator login and student login.

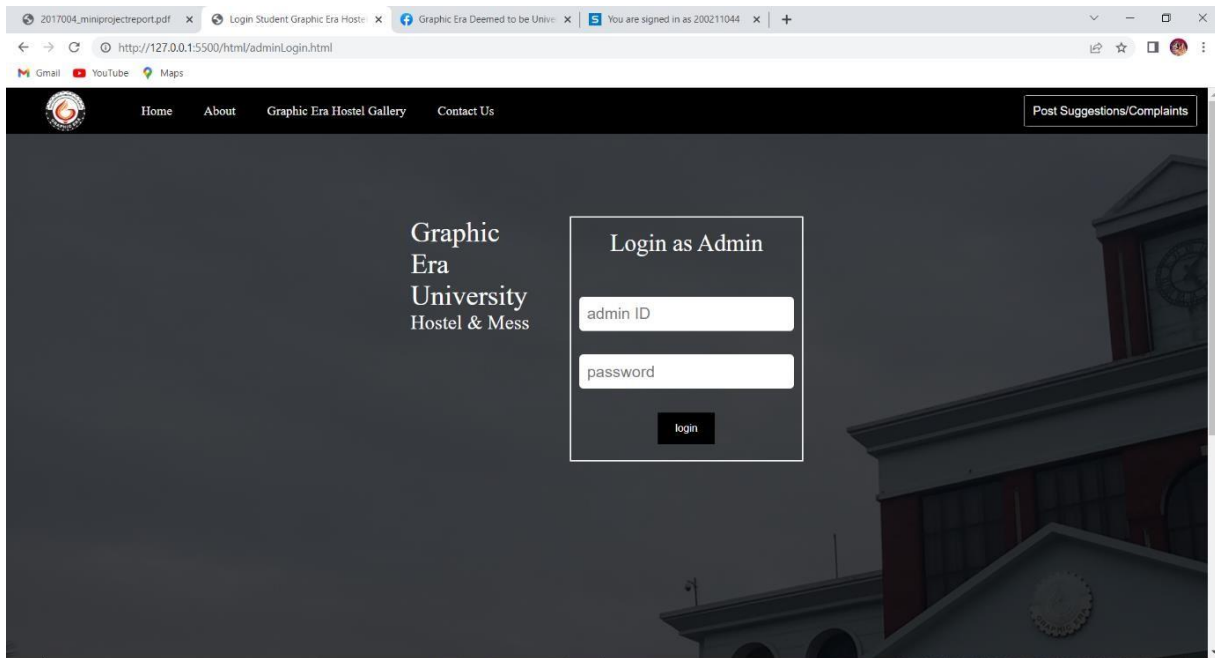
**\*Student Login:**

Student login page asks student ID and password before a student may apply for hostel or mess to avoid any outsider from being a part of application process. This ensures that the person who is applying is a student at Graphic Era institute.

**\*Admin Login:**

Admin login page is for the hostel-mess administrator who will entertain all incoming applications and look each one of them to provide appropriate service.





- **APPLICATION FORM:**

The application form is for students. They must fill credentials  
- ID, hostel or mess, current year, course etc.

- **ADMIN'S SIDE**

At admin's side, these applications will be received and entertained.

# Conclusion

I had come through the lots of problems and errors while completing this project file, but it was quite interesting to learn various new things about HTML, CSS and JavaScript. It was an awesome experience to go through the enjoyment of correcting several errors. Finally, I have successfully completed this outstanding task of creating a project on Web Application Development for Hostel and Mess Management as per guided by my mini project mentor Ms. Meenakshi Maindola. The completion of the project went quiet well, I came to know various platforms which helped me a lot in making this project. I was able to learn practical use of HTML, CSS and JavaScript.

Overall working on this project was great fun as I came up with great piece of knowledge and understanding of the topic.

## Reference-

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5. en.m.wikipedia.org
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