

Hostel Booking Portal (WEBSITE)

**A Mini-Project Report submitted in partial fulfilment of the
requirements for the award of the degree of,**

BACHELOR OF TECHNOLOGY

IN

COMPUTER SCIENCE AND ENGINEERING

Submitted by:

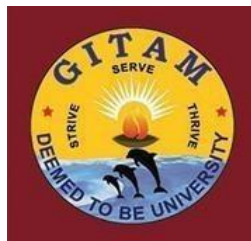
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GANDHI INSTITUTE OF TECHNOLOGY AND MANAGEMENT**

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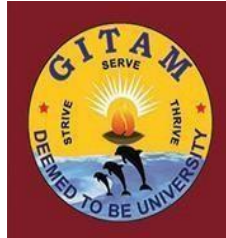
Bengaluru Campus.

November 22

**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
GITAM SCHOOL OF TECHNOLOGY**

GITAM

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DECLARATION

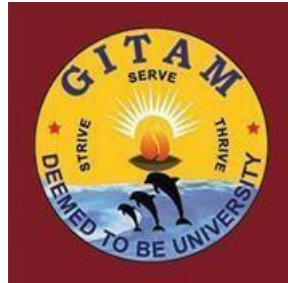
We, hereby declare that the project report entitled “**HOSTEL BOOKING PORTAL(WEBSITE)**” is an original work done in the Department of Computer Science and Engineering, GITAM School of Technology, GITAM (Deemed to be University) Bengaluru submitted in partial fulfilment of the requirements for the award of the degree of B.Tech. in Computer Science and Engineering. The work has not been submitted to any other college or University for the award of any degree.

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CERTIFICATE

This is to certify that the project report entitled “**Hostel Booking Portal**” is a bonafide carried out by the students of **B3-4th year** –**Roopesh reddy p (321910303006), Mereddy sai krish reddy (321910303028), Guntupalli Hemanth Kumar (321910303018), Goli Sathya Darshan (321910303001), and Akshay kumar (321910303004)** submitted in partial fulfilment of **requirement for the award of degree of Bachelors of Technology in Computer Science and Engineering.**

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Firstly, we would like to sincerely thank “**GANDHI INSTITUTE OF TECHNOLOGY**” for giving us a chance to do a mini project on the topic “**HOSTEL BOOKING PORTAL**” and everyone who has been there and given every possible hand to make our make our project work successfully.

But some names like Mr.G.Spandan sir and Ankita Bose deserve a special thanks for investing their valuable time in guiding us and checking upon to get the best out of us (Roopesh reddy p (321910303006), Mereddy krish reddy (321910303028), Guntupalli Hemanth Kumar (321910303018), Goli Sathya Darshan (321910303001), and Akshay kumar (321910303004)).

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ABSTRACT

This task is called Lodging BOOKING Entry and is focused on the school Inn. "Lodging BOOKING Gateway" is a program that is utilized to oversee different exercises in the inn, as the name recommends. the quantity of instructive foundations has expanded quickly over the most recent couple of years. the quantity of hostellers are likewise expanding. we can build the adequacy of the framework and take out the detriments of the current inn the executives frameworks deficiencies. manual works strength and strain can be diminished, and there's a more noteworthy level of security can be accomplished. Information overt repetitiveness can be limited in a specific degree by information consistency. Simple to utilize, Simple information recovery, and Simple record keeping the primary objective of this program is to diminish the time spent by understudies in booking rooms and give better insight to them.

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1. INTRODUCTION

1.1 Problem Statement

The Hostel Management System is advanced for automating the activities of hostel. The software program can be outstanding alleviation to the personnel. This software will assist consumer in case of reporting, registration and searching the information about citizens and rooms. The intention of the Hostel Management System is to perform the activities of Hostel in an green manner. It will take the operations of Hostel to an upper level with the aid of supplying faster access to statistics and allowing addition, upgradation, change, and deletion of facts in a completely systematic and reliable way. All the paintings is completed manually. Different copies of the scholar facts are saved for unique departments. Room is allocated consistent with the room necessities and different special centers demanded by the scholar. Room classes: Single, Double, Air-Conditioned and Corner. Payment modes: Cash, Cheque and Draft. Hostel centres and fees and different facts are all saved in a publication. Student's information, team of workers data, fee records, pupil take a look at-in and take a look at-out, room popularity, group of worker's profits a lot of these information are stored in registers. All calculations relating to college student's expenses, group of workers salary, fines and penalties, hostel Tunas are accomplished manually. The current machine is exceptionally manual regarding loads to paper work and calculation and therefore may be inaccurate. This has result in inconsistency and inaccuracy within the preservation of records.

The statistics, that is stored on the paper most effective, can be misplaced, stolen or destroyed due to natural calamity like fire and water. The existing machine is gradual and consumes a whole lot of time causing inconvenience to students and the employees. Due to guide nature, it's miles tough to replace, delete, upload or view the records. Since the quantity of college students have notably extended therefore keeping and retrieving unique record of every pupil is extremely tough. Long-time period storage of statistics High accuracy in calculations. Efficiency in amendment. Sorting and retrieval of information Inexpensive updating in centres and phrases of business enterprise

1.2 Overview

This Lodging The executives Framework is created for the inn supervisory crew which assists them with saving the records of the understudies about their rooms and different things. It helps them from the manual work from which it is undeniably challenging to track down the record of the understudies and the data about those ones who had left the lodging a very long time previously. This arrangement is created on the situation of the inn supervisory group, through this they can't need so effective individual to deal with and deal with the undertakings of the understudies in the lodging, all you really want to do is to login as manager and you can see the data of the relative multitude of understudies who have acquired and enrolled their inn structure, click confirm to find out their qualification and dispense them to the accessible inn. Recognizable proof of the issues of the current inn the executives prompts the improvement of a modernized arrangement that will be viable with the current inn the board with the Sobrino which is more easy to understand and GUI situated. We can work on the effectiveness of the inn the board, hence defeat the downsides of the current administration.

ID of the issues of the current inn the executives prompts the improvement of a modernized arrangement that will be viable with the current inn the board with the Sobrino which is more easy to understand and GUI situated. We can work on the productivity of the inn the executives, in this manner beat the disadvantages of the current administration.

1.3 Objective

The primary objective of the task work is that:

The understudy will never again apply physically.

The understudy's information can be gotten to by the superintendent.

The manual work of individuals in administrator punitive will be diminished.

It helps the administrator to know the number of understudies that can leave a room.

- the quantity of understudies in a room shouldn't surpass three.
 - Guarantee that the administrator can offer help to understudies. a gathering rooms.
 - To see the quantity of things given to the understudy.
-
- Guarantee that the lodging property is gotten back to the understudy. the lodging is emptying.

the framework will help the administrator:

- Every one of them ought to go to their various inns.
- The understudy ought to be expelled from the inns.
- The lodging charge instalment can be controlled.
- Alter can change the understudies' records.

1.4 Project management approach

Software Process Model:

To take care of a real issue in an industry, programming engineer or a group of engineers should coordinate with an improvement methodology that incorporate the interaction, techniques and devices ayer and conventional stages. This technique is of ten alluded to a cycle model or a product creating worldview.

Our project follows the **waterfall model**.

The steps of waterfall model are:

- Prerequisite Definition
- Framework and Programming Plan
- Execution
- Joining and Framework Testing
- Activity and Support

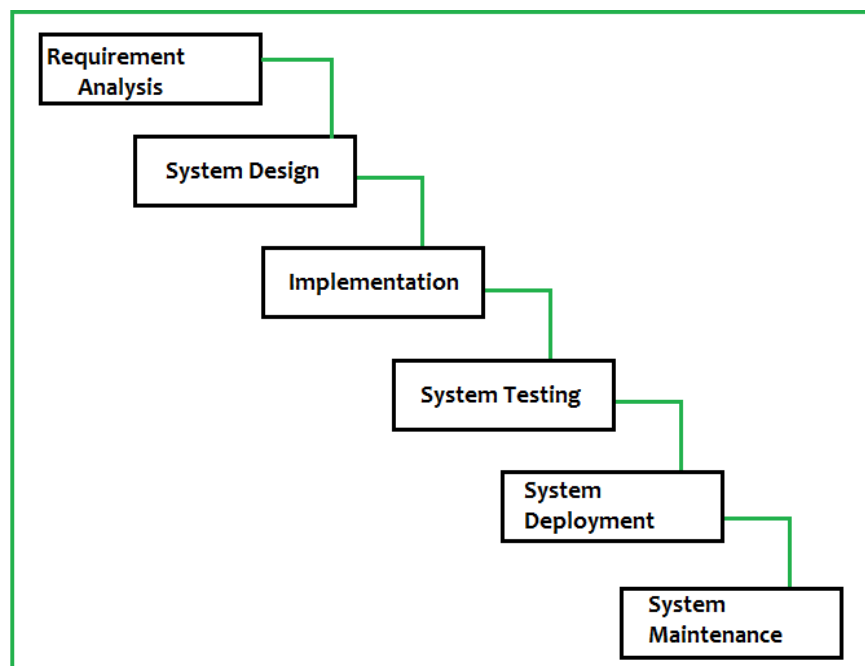


Fig 1.1: Waterfall Model

2.REQUIREMENT ANALYSIS

2.1 Introduction

Necessities examination in frameworks designing and computer programming envelops those errands that go into deciding the necessities or conditions to meet for a new or modified item, assessing the conceivably clashing prerequisites of the different partners, like recipients or clients.

Necessities investigation is basic to the progress of an improvement project. Prerequisites should be recorded, significant, quantifiable, testable, connected with distinguished business requirements or potential open doors, and characterized to a degree of detail adequate for framework plan.

Necessities can be engineering underlying, conduct, useful and non-practical.

The advancement of task needs a necessity to cause the venture to perform better and accomplishes the objective of task. In creating Inn The executives Framework, the capacities of PC and equipment plays a major effect on project quality. The undertaking producer ought to decide the base necessities of equipment and furthermore programming to be utilized to foster a decent and alluring venture.

2.2 Phases of Requirement Analysis

There are two periods of prerequisite investigation as given beneath.

- 1) Essential Exploration Distinguishing the client prerequisites directing a study in view of a poll.
- 2) Auxiliary Exploration: Contrasting the distinguished prerequisites and as of now existing programming having comparative functionalities.

In view of this examination the outcome is characterized as the Product Prerequisite Determination.

2.3 Study of the System

2.3.1 SYSTEM

- Planning and executing the new connections.
- Planning and carrying out the clients.
- Orchestrating new connections as subject wise.

2.3.2 Study of the System

- Framework examination will be performed to decide whether it is possible to plan data in view of approaches and plans of the association and on client necessities and to take out the shortcomings of the current framework
- The new framework ought to be practical.
- To increase the board, further develop efficiency and administrations.
- To improve client/framework interface.
- To further develop data, qualify and convenience.
- To redesign frameworks unwavering quality, accessibility, adaptability and development potential.

3. SYSTEM REQUIREMENT

3.1 Equipment Prerequisites (Least)

Central processor (SPEED): 1.7 GHz Pentium IV

RAM: 512 MB

HARD Circle: 2 GB

3.2 Programming Prerequisites

Working Framework: Windows XP Administration Pack 1

- Microsoft SQL Server The executives 2017

4. DEVELOPMENT

4.1 Introduction

Programming improvement is the most common way of considering, determining, planning, programming archiving, testing and bug fixing engaged with making and keeping up with applications, systems, or other programming parts. Programming improvement is a course of composing and keeping up with the source code, yet from a more extensive perspective, it incorporates all that is involved between the origination of the ideal programming through to the last sign of the product, in some cases in an arranged and organized process. In this way, programming improvement might incorporate examination, new turn of events, prototyping adjustment, reuse, re-designing, support, or whatever other exercises that outcome in programming items.

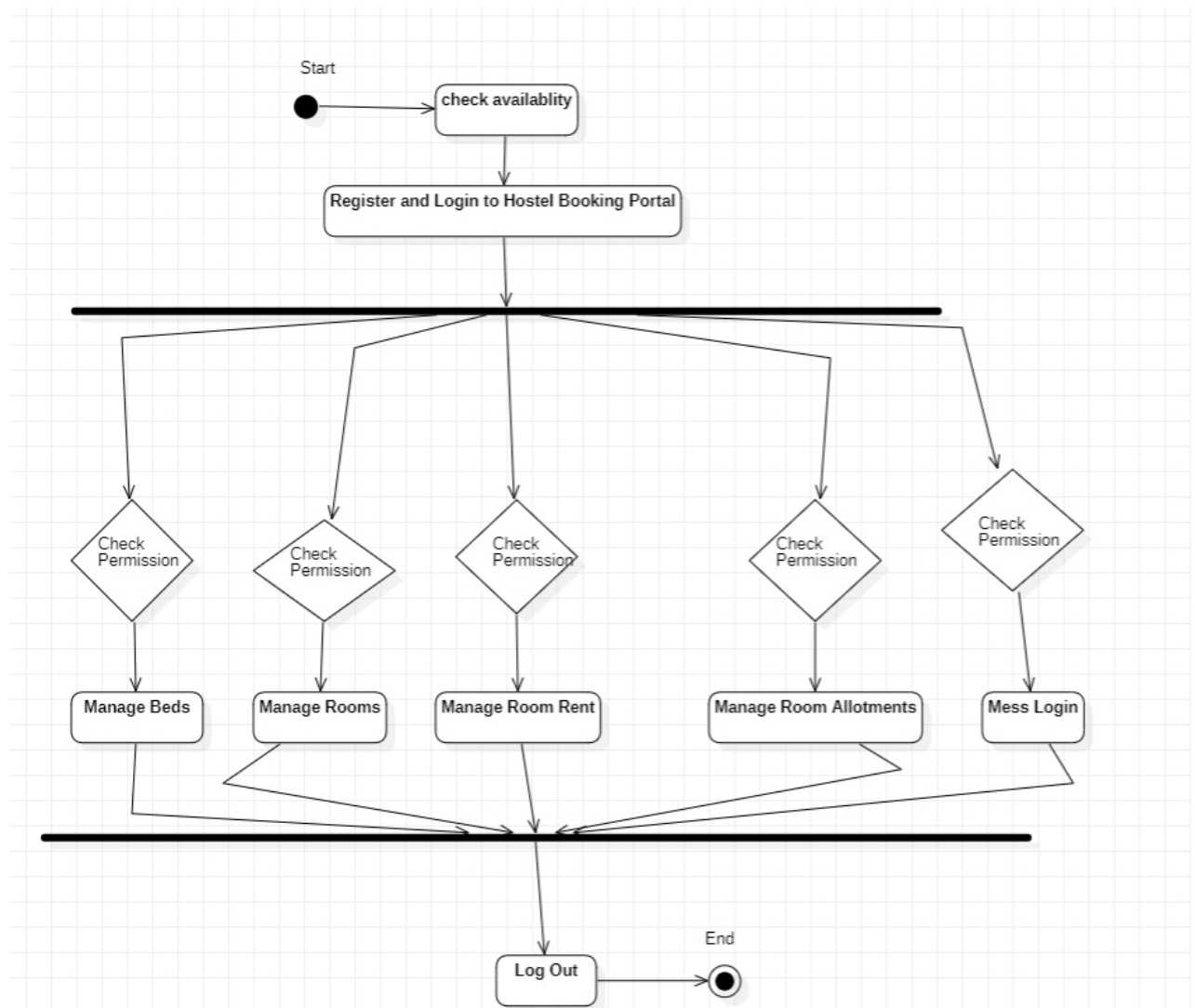
Programming can be produced for different purposes, the three most normal being to address explicit issues of a particular client business (the case with custom programming), to meet an apparent need of some arrangement of likely clients (the case with business and open-source programming), or for individual use (eg a researcher might compose programming to mechanize an unremarkable errand). Inserted programming advancement, that is to say, the improvement of installed programming, for example, utilized for controlling customer items, requires the improvement cycle to be coordinated with the advancement of the controlled actual item. Framework programming underlies applications and the programming system itself and is frequently grown independently.

The requirement for better quality control of the product improvement process has brought about the discipline of programming, which plans to apply the precise methodology exemplified in the designing worldview to the course of programming advancement.

There are many ways to deal with programming project the executives, known as programming improvement life cycle models, techniques, cycles, or models. The cascade model is a conventional rendition, stood out from the later development of lithe programming improvement.

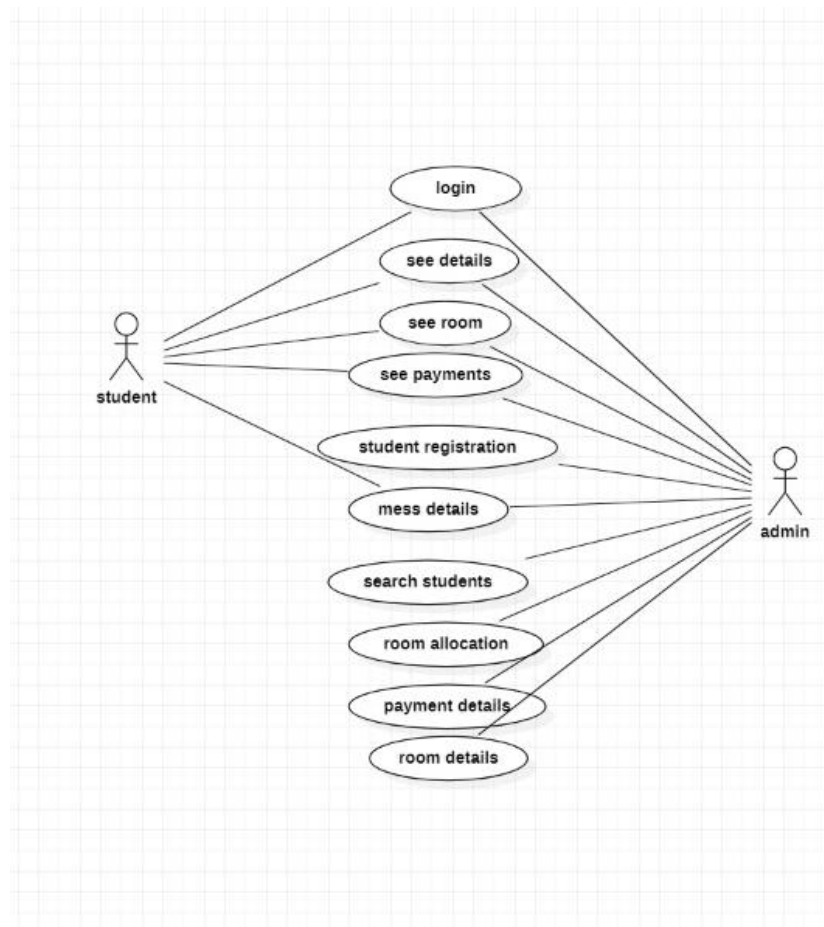
Our Lodging The executives Framework is made in light of windows framework which has on any PC.

Activity Diagram



Activity diagrams are graphical representations of workflows of stepwise sports and moves with assist for choice, generation and concurrency. In the Unified Modelling Language, activity diagrams are supposed to model both computational and organizational tactics (i.E., workflows), as well as the statistics flows intersecting with the related activities. Although hobby diagrams normally show the general drift of manipulate, they can also consist of factors displaying the waft of facts between sports thru one or greater records shops. Activity diagrams may be appeared as a form of a established flowchart mixed with a conventional statistics glide diagram. Typical flowchart strategies lack constructs for expressing concurrency. However, the be a part of and cut up symbols in activity diagrams most effective remedy this for easy instances; the that means of the version is not clean whilst they're arbitrarily combined with choices or loops. While in UML. They were a specialized shape of country diagrams, in UML the pastime diagrams were renormalized to be based on Petri net-like semantics, increasing the scope of situations that can be modelled the usage of interest diagrams. These changes reason many UML pastime diagrams to be interpreted differently in UML pastime diagrams in model may be utilized in diverse domains, In design of embedded structures. It is feasible to verify such a specification the use of version checking method.

Use case Diagram



In the Unified Modelling Language (UML), a use case diagram can summarize the information of your machine's users (also called actors) and their interactions with the system. To construct one, you'll use a hard and fast of specialized symbols and connectors. An effective use case diagram can assist your crew discuss and constitute:

Scenarios in which your device or application interacts with humans, businesses, or outside systems

Goals that your machine or software enables those entities (referred to as actors) acquire

The scope of your device

A use case diagram does not cross into a whole lot of elements—for example, do not anticipate it to model the order in which steps are performed. Instead, a proper use case diagram depicts a high-level evaluate of the connection among use cases, actors, and systems. Experts advocate that use case diagrams be used to complement a more descriptive textual use case.

4.2 Windows

Windows is an assortment of projects known as a working framework (operating system) that controls a PC (PC). First created by Microsoft in November 1985, it has been regularly refreshed since, as PC memory has greater, as handling chips live got quicker and, obviously, when the web was designed. Before Windows, laptops were worked by a progression of text orders.

4.2.1 Windows' key benefits and features

Permits the client to associate with the PC (through the console, mouse, receiver, and so on.).

- Controls the capacity of information (pictures, documents, music).
- Controls equipment joined to the PC like webcams, scanners and printers.
- Assists with opening and close projects (word processors, games, photograph editors, and so on), and gives them part of the PC's memory to permit them to work.
- Controls what admittance to a PC various clients have and the PC's security.
- Manages mistakes and client directions, and issues straightforward blunder messages.
- Advances performing various tasks by permitting the client to complete a few things on the PC at
 - once-for instance, watch a video while composing a letter.
- It is easy to understand and adaptable to effortlessly make changes.
- Clients can undoubtedly foster sites through windows when contrasted with other working frameworks like Linux and iOS
- Windows has graphical UI which is vital for fostering a site.

- Windows has programs which assists with showing in a viable manner, so it is not difficult to investigate.
- Greater part of the engineers uses windows for improvement.
- We can undoubtedly coordinate the items utilizing windows.



4.2.2 Visual studio code Editor (Vs code)

- Microsoft created a free open-source text editor. Its available for all three operating systems.
- The editors light weight makes it one of the most popular development environment applications.

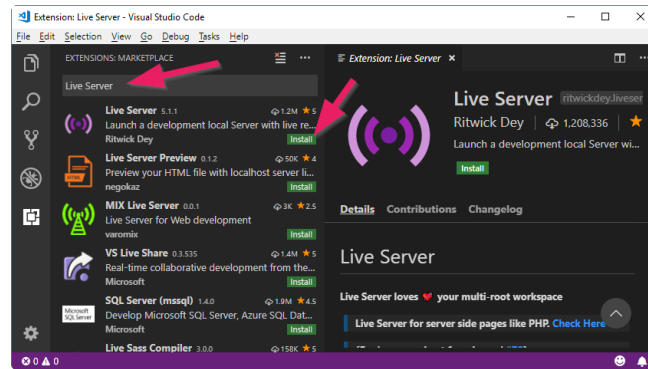
Features

- VS Code supports a wide array of programming languages from Java, C++, and Python to CSS, Go, and Docker file.
- Moreover, VS Code allows you to add on and even creating new extensions including code linters, debuggers, and cloud and web development support.

Develop web application with visual Studio Code

- Become familiar with the critical highlights of Visual Studio Code.
- Download and introduce Visual Studio Code.
- Introduce augmentations for fundamental web improvement.
- Utilize the fundamental manager usefulness of Visual Studio Code.

- Compose and test a basic web application.
- Open Visual Studio Code.
- Open the menu "Augmentations".
- Type "Live Server" into the hunt field and introduce the augmentation.
- Reload Visual Studio Code to actuate the augmentation.



Browser

- Our website will work on all major browser like safari, chrome, Microsoft Edge etc.
- We used the Google Chrome for our Web Site.

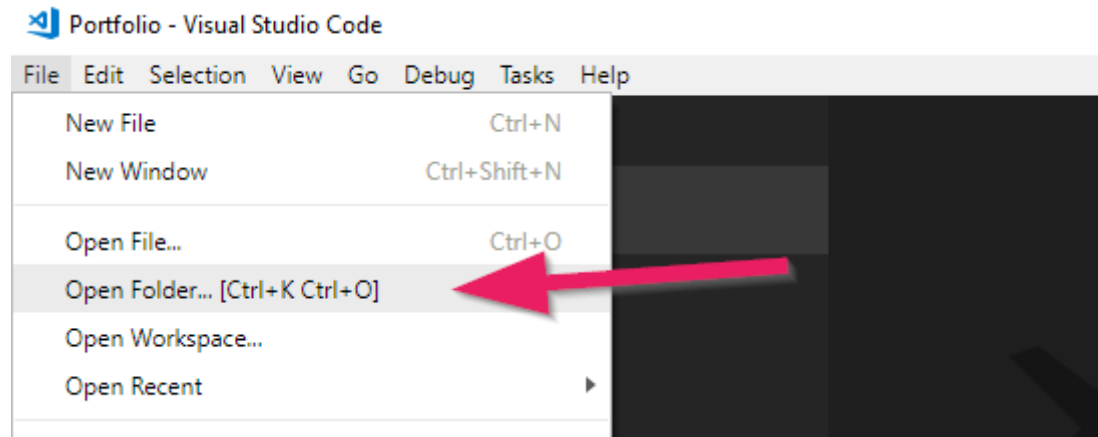


Creating a HTML Document

Outfitted with supervisor and program, how about we make the primary HTML report for our site.

1. First, we really want to Make an organizer on your PC for your task. Give name to the envelope Portfolio (or anything you need).
2. Open Versus Code.

3. Open the Record menu and select Open Organizer Peruse for the envelope you made and open it.
4. Right-click beneath the organizer and select New Document. Name the document index.html.
5. Now you have a clear text document named index.html.



6. IMPLEMENTATION

6.1 LANGUAGES USED

- To Develop Hostel Booking Portal Website we used
- Languages used
 - HTML- Hypertext Markup Language
 - CSS – Cascade Style Sheet
 - Java script
- Framework Used
 - NODE JS

6.1.1.1 HTML (HYPER TEXT MARKUP LANGUAGE)

- HTML represents Hyper Message Markup Language
- HTML is the standard markup language for making Pages
- HTML portrays the design of a Page
- HTML comprises of a progression of components
- HTML components advise the program how to show the substance
- HTML components name bits of content, for example, "this is a heading", "this is a section", "this is a connection", and so on.



6.1.2 CSS (CASCADING STYLE SHEETS)



Flowing Templates, affectionately alluded to as CSS, is a basic design language expected to work on the strategy of making website pages satisfactory.

CSS handles the appearance and experience a piece of a web page. Utilizing CSS, you could control the shade of the message, the style of text styles, the dispersing among passages, how segments are measured and spread out, what history previews or colourings are utilized, design plans, varieties in show for elite devices and show sizes notwithstanding a consequence of different results.

CSS is not difficult to break down and see however it offers strong control over the introduction of a HTML record. Most typically, CSS is blended in with the markup dialects HTML or XHTML.

6.1.2 JAVA SCRIPT

JavaScript is a powerful PC programming language. It is lightweight and most ordinarily utilized as a piece of site pages, whose executions permit client-side content to communicate with the client and make dynamic pages. It is a deciphered programming language with object-situated capacities.

JavaScript was first known as Live Content, yet Netscape changed its name to JavaScript, perhaps on account of the fervor being produced by Java. JavaScript showed up in Netscape 2.0 in 1995 with the name Live Content. The broadly useful center of the language has been implanted in Netscape, Web Pioneer, and other internet browsers.



6.1.3 DJANGO

Django is a high-stage Python web framework that encourages fast improvement and clean, pragmatic layout. Built by using skilled developers, it looks after tons of the hassle of internet development, so you can consciousness on writing your app without needing to reinvent the wheel. It's free and open supply.

- Django became designed to help developers take programs from idea to final touch as fast as possible.
- Django takes safety severely and facilitates developers avoid many commonplace security errors.
- Some of the busiest websites at the net leverage Django's capacity to fast and flexibly scale.



6.1.4 SQLite

SQLite is an in-manner library that implements a self-contained, serverless, 0-configuration, transactional SQL database engine. The code for SQLite is within the public area and is consequently unfastened for use for any reason, business or personal. SQLite is the maximum extensively deployed database within the global with extra applications than we are able to rely, inclusive of several high-profile projects.

SQLite is an embedded SQL database engine. Unlike most other SQL databases, SQLite does not have a separate server system. SQLite reads and writes immediately to normal disk files. A whole SQL database with multiple tables, indices, triggers, and views, is contained in a unmarried disk report.

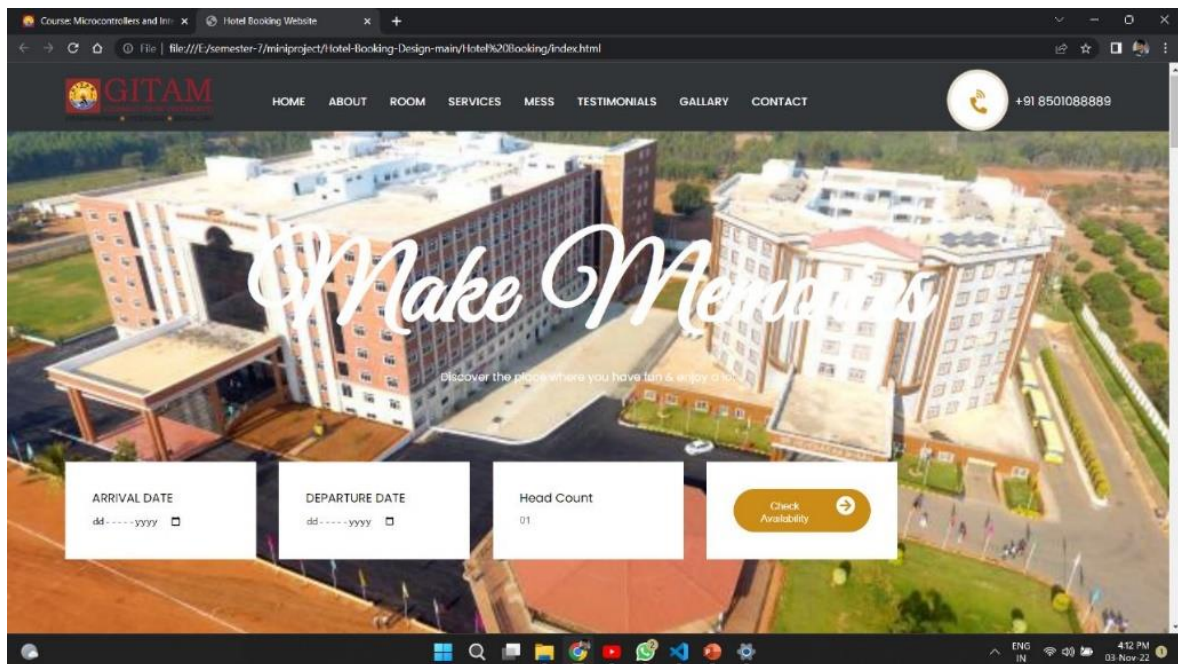
7. USER INTERFACE

Will get re-directed to the home page when you login in the login page.

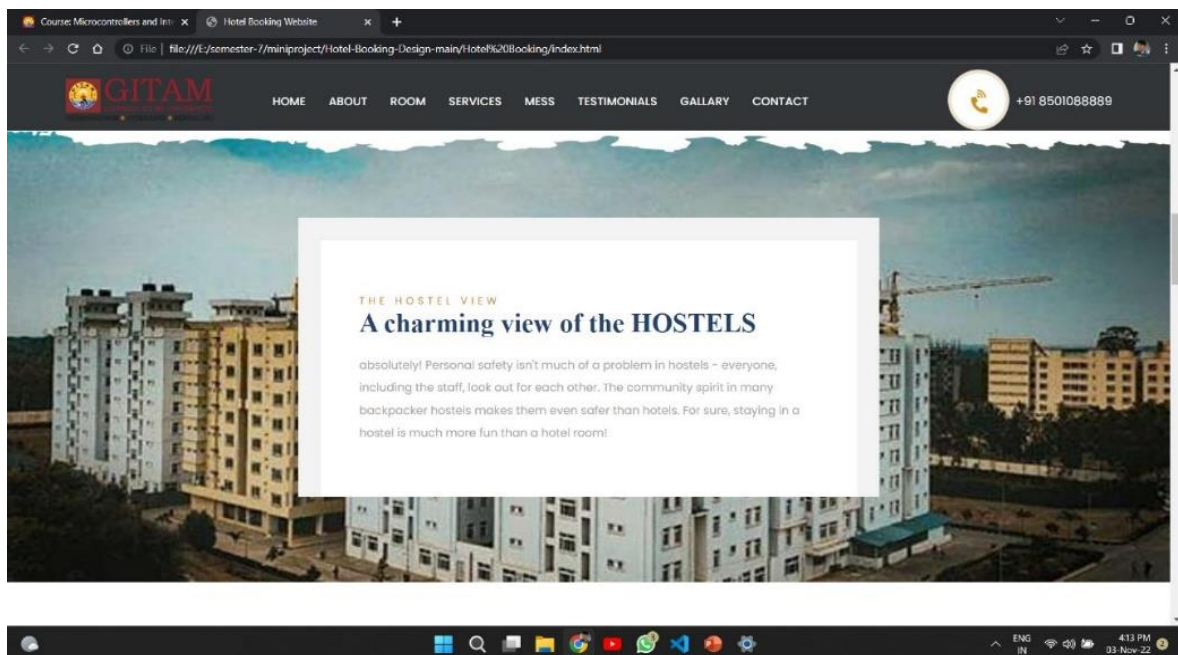
This page consists of the following menu icons on top, which you will get redirected to after tapping it.

- About: This part of the website holds the minimum information about the hostel.
- Room: This part of the website holds the information about the type of rooms which the students will be able to select from either a 1-sharing room and a 2-sharing room.
- Services: If a new user has any queries regarding the website or have any issues, in this part of the page the user can contact the numbers or e-mail present on the page.
- Mess: The mess page consists of the information regarding the mess and the types of meals that the students can get in the mess and most importantly the students can get their mess access with the software called “HUNGER-BOX-CAFÉ” who are already a partner and provide services to gitam hospitality by giving the daily OTP-QR (one time password in the form of a qr code) which they had to get to access the healthy food provided in Gitam-mess
- Gallery: The upcoming batches can get a small glimpse about the hostel they are going to stay for the next 4 years by referring to the photos posted on the gallery part of the website.
- Testimonials: A showcase part of the website for the hostel where all the awards possessed by the hostel for their quality services by the higher authorities of the education of the country are showcased and also allows the students to put their thoughts about the hostel on the page.
- Contact: If the Students have any complaints or problems then they can refer to the e-mail or contact the phone numbers given on the contact part of the page

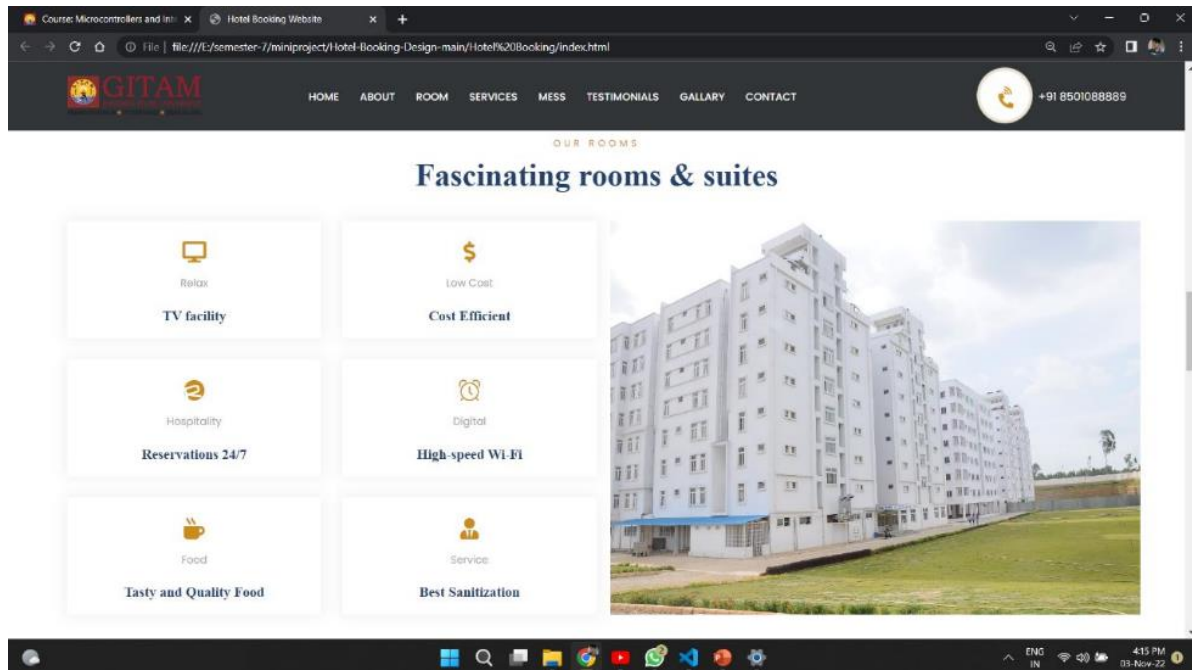
Homepage



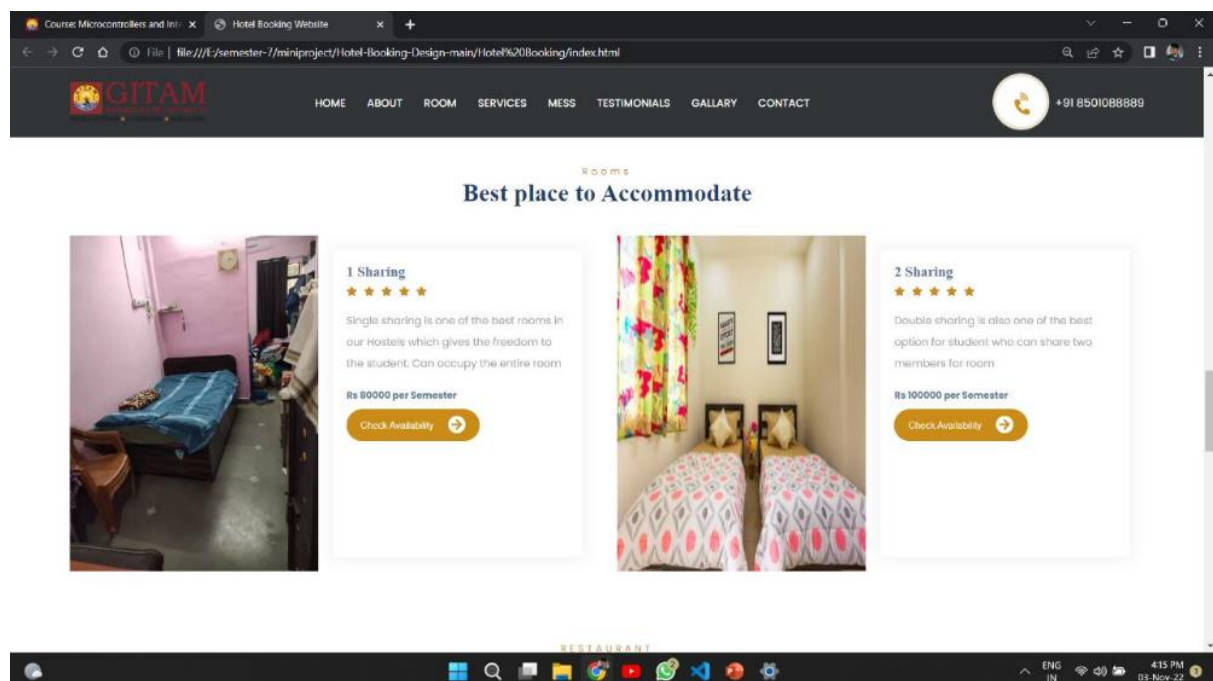
Gallery



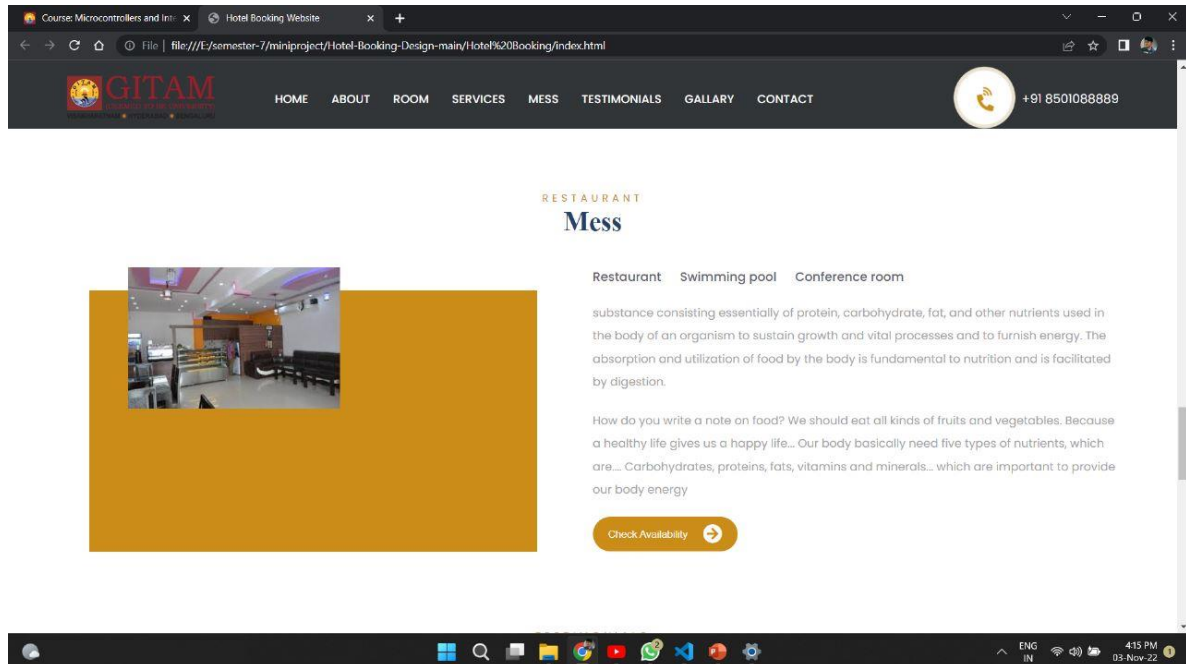
Amenities



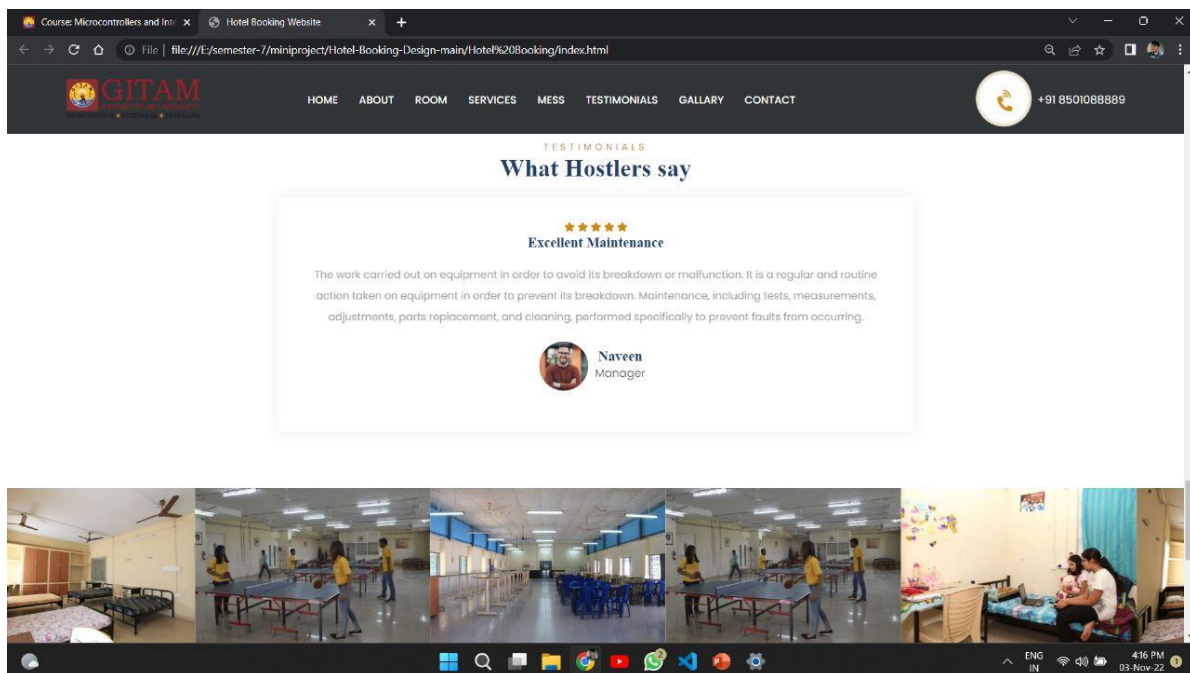
Room Selection



Mess



Testimonials



Signup Form

The screenshot shows a web browser window with the title 'Register Page' and the URL '127.0.0.1:8000/register/'. The page has a light blue header with 'Home' on the left and 'Sign in' on the right. The main content area is titled 'Create Account' and contains a form with the following fields: 'First Name', 'Last Name', 'Username', 'Email', 'Password', and 'Confirm Password'. Each field has a placeholder text matching its label. There are eye icons next to the 'Password' and 'Confirm Password' fields to toggle visibility. Below the form is a dark blue 'Sign Up' button. At the bottom of the form area, there is a link: 'Have an account? Go to Sign in'. The browser's taskbar at the bottom shows the date as 07-11-2022 and the time as 10:44.

Sign in Form

The screenshot shows a web browser window with the title 'Login Page' and the URL '127.0.0.1:8000/login/'. The page has a light blue header with 'Home' on the left and 'Sign in' on the right. The main content area is titled 'Sign In' and contains the following elements: two social login links, 'Sign in with GitHub' and 'Sign in with Google'; a separator line with the text 'OR'; a form with 'Username' and 'Password' fields; a 'Remember me' checkbox; a dark blue 'Sign in' button; and a link at the bottom: 'Don't have an account yet? Go to signup' with a sub-link 'Forgot Password?'. The browser's taskbar at the bottom shows the date as 07-11-2022 and the time as 10:47.

Database

The screenshot displays a SQLite database interface within Visual Studio Code. The database is named 'db.sqlite3' and the table 'users' is selected. The table contains 8 records. The columns are: password, last_login, is_superuser, username, last_name, email, is_staff, and is_active. The bottom panel shows a terminal with HTTP request logs.

id	password	last_login	is_superuser	username	last_name	email	is_staff	is_active
1	pbkdf2_sha256\$3900...	2022-11-06 18:32:47...	0	123	CASDSA	123@gmail.com	0	1
2	pbkdf2_sha256\$3900...	2022-11-06 19:01:10...	0	charan	u	charan@gmail.com	0	1
3	pbkdf2_sha256\$3900...	2022-11-07 00:50:39...	0	Golico	Goli	goli@gmail.com	0	1
4	pbkdf2_sha256\$3900...	2022-11-07 00:40:49...	0	akshay	kumar	akshay@gmail.com	0	1
5	pbkdf2_sha256\$3900...	2022-11-07 01:01:57...	0	ram	sita	ram@gmail.com	0	1
6	pbkdf2_sha256\$3900...	2022-11-07 01:10:08...	0	venkat	krishna	venkat@gmail.com	0	1
7	pbkdf2_sha256\$3900...	2022-11-07 01:10:08...	0	rayudu	katreddy	rayudu@gmail.com	0	1
8	pbkdf2_sha256\$3900...	2022-11-07 05:16:39...	0	hemanth	gunlu	hemu@gmail.com	0	1

Terminal logs:

```
[07/Nov/2022 10:47:33] "GET /css/style.css HTTP/1.1" 404 3739
Not Found: /image/c2.jpg
Not Found: /image/c3.jpg
[07/Nov/2022 10:47:34] "GET /image/c2.jpg HTTP/1.1" 404 3736
[07/Nov/2022 10:47:34] "GET /image/c3.jpg HTTP/1.1" 404 3736
Not Found: /image/line2.png
Not Found: /image/line1.png
[07/Nov/2022 10:47:34] "GET /image/line2.png HTTP/1.1" 404 3745
[07/Nov/2022 10:47:34] "GET /image/line1.png HTTP/1.1" 404 3745
Not Found: /image/c2.jpg
Not Found: /image/c3.jpg
[07/Nov/2022 10:47:34] "GET /image/c2.jpg HTTP/1.1" 404 3736
[07/Nov/2022 10:47:34] "GET /image/c3.jpg HTTP/1.1" 404 3736
```

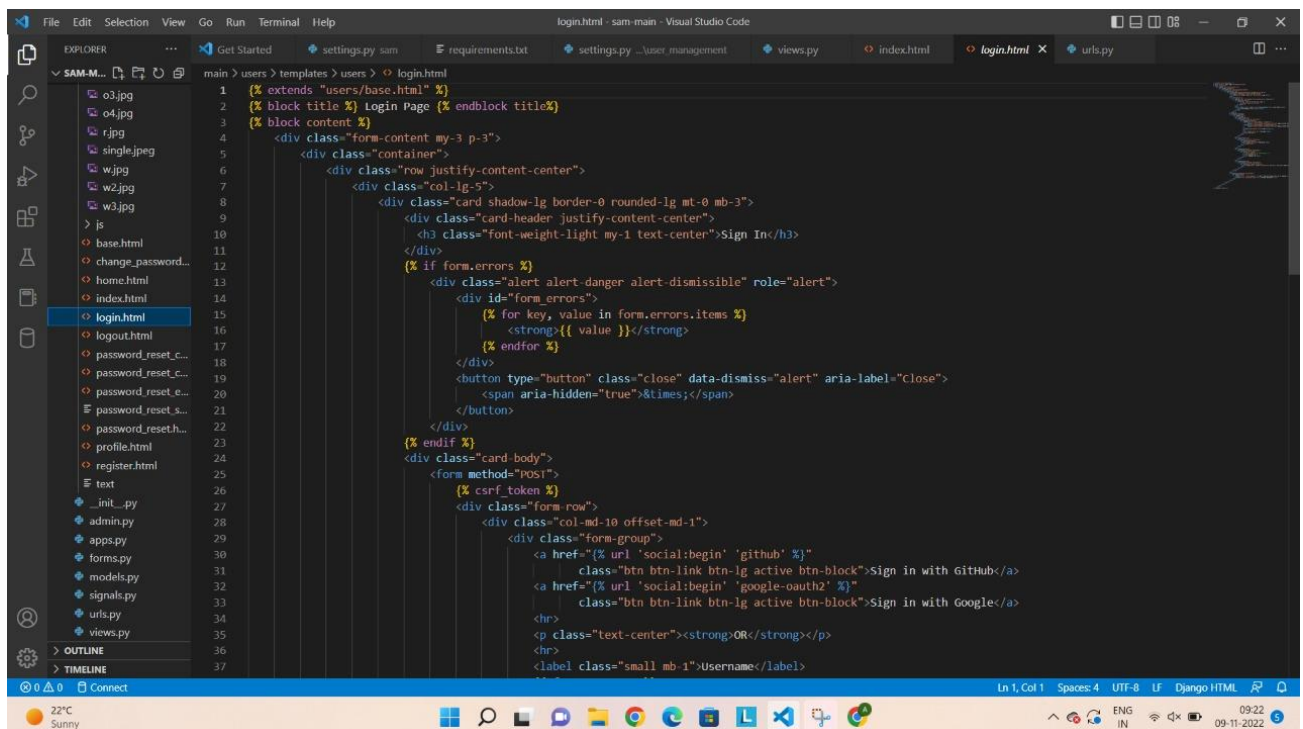

8. LIMITATIONS OF PROJECT

- Editing data is a difficult job
 - As there is no proper implementation of database, editing and retrieving of data is a tedious task
- No data security
 - We haven't implemented network security concepts so there is huge risk of data breach. So there is no data security
- Difficult to maintain
 - As it is a complex task it is not everybody's cup of tea to build and maintain a website.
- Has to obtain accurate and relevant information
 - This website we've developed has many other features to be added. So fetching relevant and accurate information is a tough task.
- Problems of report generation
 - As this is a big website, the report is also has to very big

9. CODE

Login Form

Login forms are utilized in nearly every website and Application. A login form utilizes the credentials of a person, which will authenticate their get entry to. It generally includes the everyday username or e-mail and password. But greater fields can be introduced to improve the web site's protection. A modal login form is a modal window that is used to log in into an account. It's a good idea to apply one as it looks sleek whilst compared to the normal login window.



```

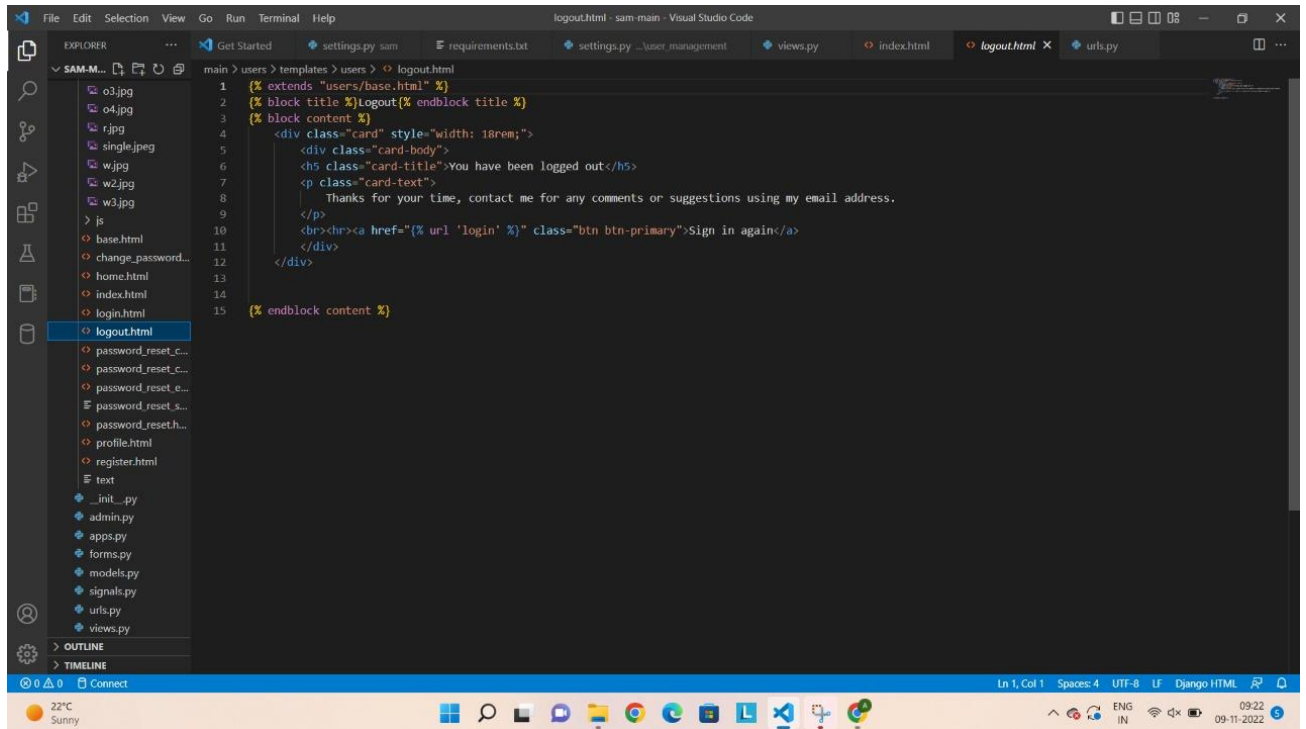
1 {% extends "users/base.html" %}
2 {% block title %} Login Page {% endblock title %}
3 {% block content %}
4 <div class="form-content my-3 p-3">
5 <div class="container">
6 <div class="row justify-content-center">
7 <div class="col-lg-5">
8 <div class="card shadow-lg border-0 rounded-lg mt-0 mb-3">
9 <div class="card-header justify-content-center">
10 <h3 class="font-weight-light my-1 text-center">Sign In</h3>
11 </div>
12 {% if form.errors %}
13 <div class="alert alert-danger alert-dismissible" role="alert">
14 <div id="form_errors">
15 {% for key, value in form.errors.items %}
16 <strong>{{ value }}</strong>
17 {% endfor %}
18 </div>
19 <button type="button" class="close" data-dismiss="alert" aria-label="Close">
20 <span aria-hidden="true">&times;</span>
21 </button>
22 </div>
23 {% endif %}
24 <div class="card-body">
25 <form method="POST">
26 <csrf_token %}
27 <div class="form-row">
28 <div class="col-md-10 offset-md-1">
29 <div class="form-group">
30 <a href="{% url 'social:begin' 'github' %}"
31 class="btn btn-link btn-lg active btn-block">Sign in with GitHub</a>
32 <a href="{% url 'social:begin' 'google-oauth2' %}"
33 class="btn btn-link btn-lg active btn-block">Sign in with Google</a>
34 <hr>
35 <p class="text-center"><strong>OR</strong></p>
36 <hr>
37 <label class="small mb 1">Username</label>

```

Logout Form

- In the shape Properties tab
- Click within the Value column to expose the Ellipse button.
- Click the Ellipse button.
- In the Accessible Menu Items dialog, click to deactivate (take away checkmark) Logout.
- Click OK to close the dialog.

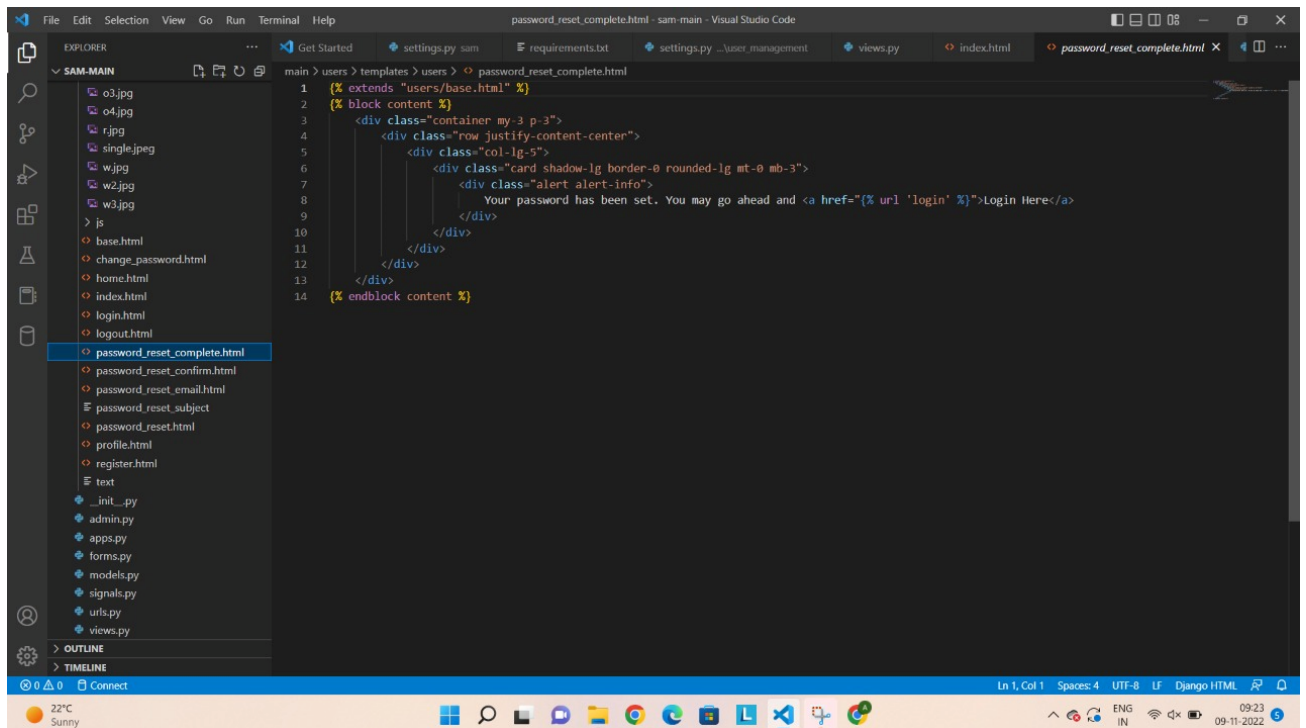
Hostel booking portal (website)



The screenshot shows the Visual Studio Code editor with the file explorer on the left displaying a project named 'SAM-M-'. The file explorer lists various assets (o3.jpg, o4.jpg, r.jpg, single.jpeg, w.jpg, w2.jpg, w3.jpg) and templates (base.html, change_password.html, home.html, index.html, login.html, logout.html, password_reset_confirm.html, password_reset_email.html, password_reset_subject, password_reset.html, profile.html, register.html, text). The 'logout.html' file is selected and its content is displayed in the editor. The code is a Django template that extends 'users/base.html' and contains a block titled 'Logout'. The block content includes a card with a message: 'You have been logged out/h5' and a paragraph: 'Thanks for your time, contact me for any comments or suggestions using my email address.' There is also a link to 'Sign in again' with a href attribute that points to the 'login' URL.

```
1 {% extends "users/base.html" %}
2 {% block title %}Logout{% endblock title %}
3 {% block content %}
4     <div class="card" style="width: 18rem;">
5         <div class="card-body">
6             <h5 class="card-title">You have been logged out/h5>
7             <p class="card-text">
8                 Thanks for your time, contact me for any comments or suggestions using my email address.
9             </p>
10            <br><br><a href="{% url 'login' %}" class="btn btn-primary">Sign in again</a>
11        </div>
12    </div>
13
14 {% endblock content %}
```

Password Reset

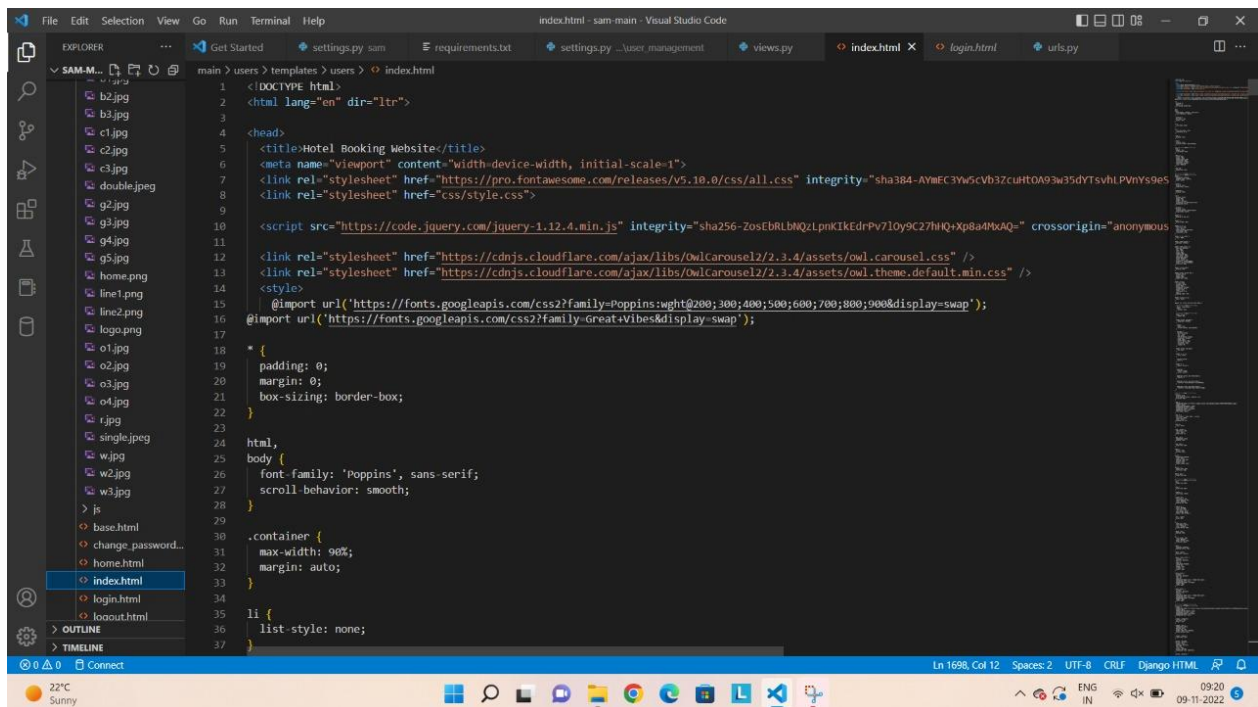


The screenshot shows the Visual Studio Code editor with the file explorer on the left displaying a project named 'SAM-MAIN'. The file explorer lists various assets (o3.jpg, o4.jpg, r.jpg, single.jpeg, w.jpg, w2.jpg, w3.jpg) and templates (base.html, change_password.html, home.html, index.html, login.html, logout.html, password_reset_complete.html, password_reset_confirm.html, password_reset_email.html, password_reset_subject, password_reset.html, profile.html, register.html, text). The 'password_reset_complete.html' file is selected and its content is displayed in the editor. The code is a Django template that extends 'users/base.html' and contains a block titled 'password_reset_complete.html'. The block content includes a container with a row of content centered. Inside the row is a card with a shadow and rounded corners. The card contains an alert message: 'Your password has been set. You may go ahead and' followed by a link to 'Login Here' with a href attribute that points to the 'login' URL.

```
1 {% extends "users/base.html" %}
2 {% block content %}
3     <div class="container my-3 p-3">
4         <div class="row justify-content-center">
5             <div class="col-lg-5">
6                 <div class="card shadow-lg border-0 rounded-lg mt-0 mb-3">
7                     <div class="alert alert-info">
8                         Your password has been set. You may go ahead and <a href="{% url 'login' %}">Login Here</a>
9                     </div>
10                </div>
11            </div>
12        </div>
13    </div>
14 {% endblock content %}
```

- On your Android cell phone or tablet, open your tool's Settings app Google. Manage your Google Account.
- At the top, tap Security.
- Under "Signing in to Google," faucet Password. You might want to sign up.
- Enter your new password, then tap Change Password.

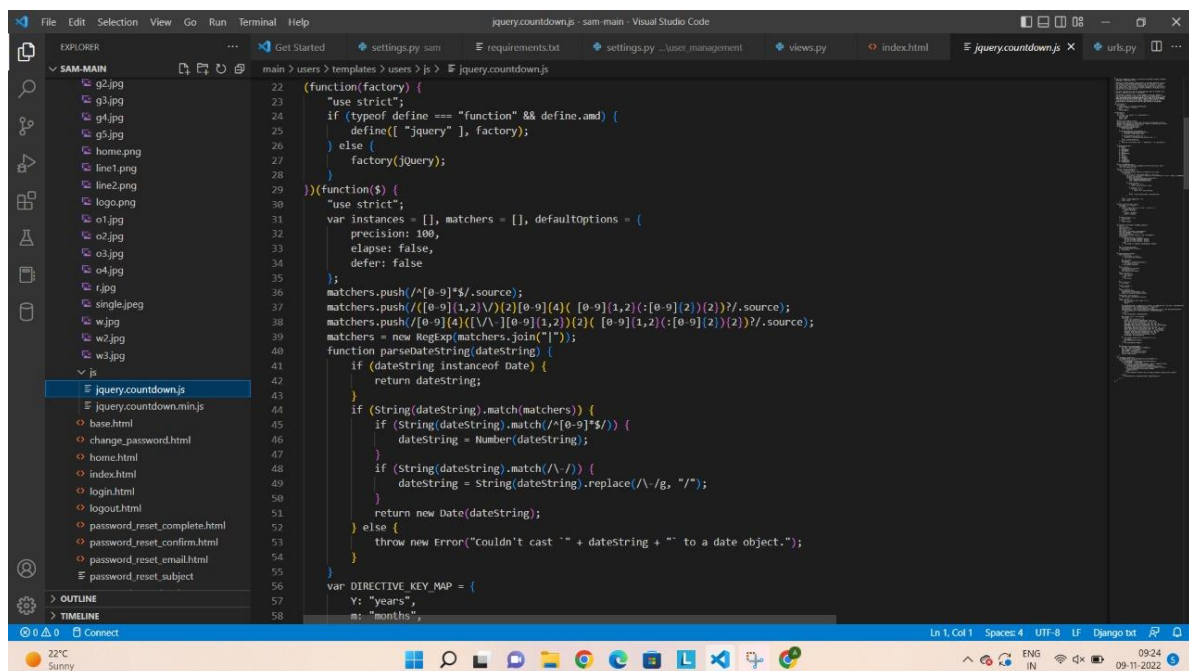
HTML and CSS



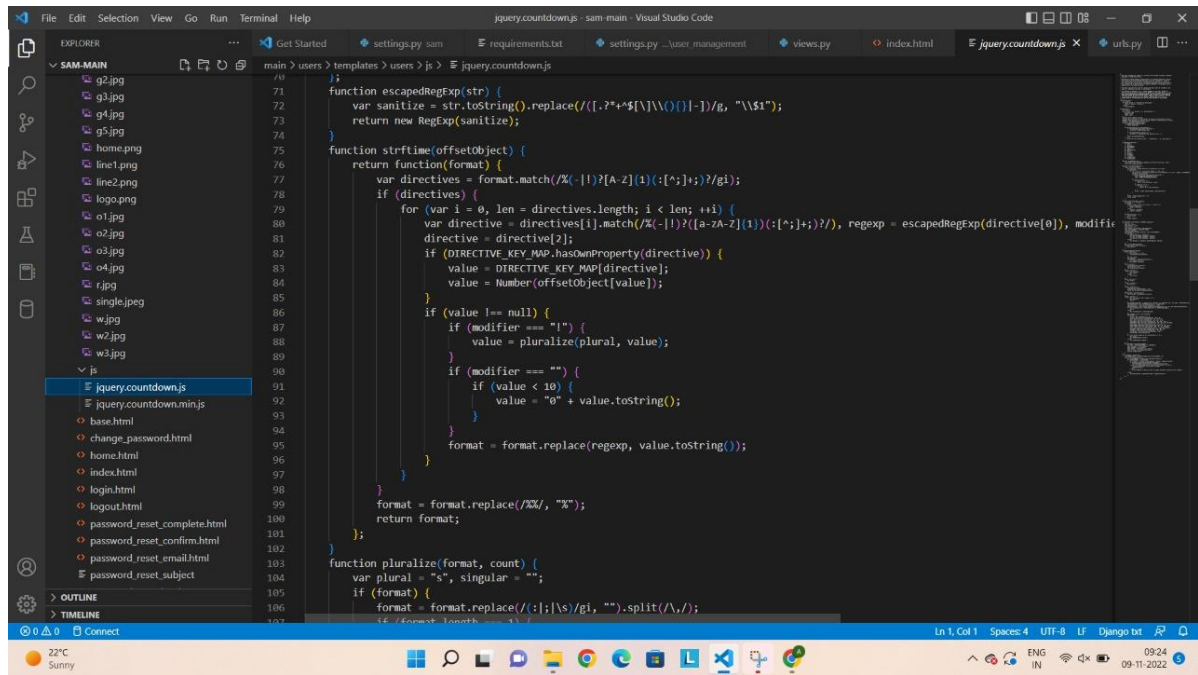
- We used internal CSS to integrate HTML and CSS for this project.
- An internal CSS is used to define a fashion for a unmarried HTML page.
- An internal CSS is described within the <head> phase of an HTML page, within a <style> detail.
- The following instance sets the textual content colour of ALL the <h1> elements (on that page) to blue, and the text shade of ALL the <p> elements to crimson. In addition, the page could be displayed.

JavaScript

JavaScript is a text-based totally programming language used each on the consumer-facet and server-side that allows you to make internet pages interactive. Where HTML and CSS are languages that give shape and fashion to internet pages, JavaScript gives net pages interactive factors that have interaction a consumer. The program is done from a binary format, which turned into generated from the unique software supply code. JavaScript is a lightweight interpreted programming language. The web browser gets the JavaScript code in its unique textual content form and runs the script from that. Arguably, JavaScript is one of the easiest programming languages to research, so it serves as a terrific first language for everybody cutting-edge to coding. Even the maximum complex strains of JavaScript code can be written one by one, in fragments. It can also be tested within the internet browser at the same time.



Hostel booking portal (website)



```
70
71
72 function escapedRegExp(str) {
73     var sanitize = str.toString().replace(/[.*+?^$()\[\]{}|]/g, "\\$1");
74     return new RegExp(sanitize);
75 }
76
77 function strftime(offsetObject) {
78     return function(format) {
79         var directives = format.match(/%(-|!)?([A-Z])([1])([:|*|+|?|/|)/g);
80         if (directives) {
81             for (var i = 0, len = directives.length; i < len; ++i) {
82                 var directive = directives[i].match(/%(-|!)?([A-Z])([1])([:|*|+|?|/|)/g);
83                 directive = directive[2];
84                 if (DIRECTIVE_KEY_MAP.hasOwnProperty(directive)) {
85                     value = DIRECTIVE_KEY_MAP[directive];
86                     value = Number(offsetObject[value]);
87                 }
88                 if (value !== null) {
89                     if (modifier === "l") {
90                         if (modifier === "l") {
91                             value = pluralize(plural, value);
92                         }
93                     }
94                     if (modifier === "s") {
95                         if (value < 10) {
96                             value = "0" + value.toString();
97                         }
98                     }
99                     format = format.replace(regex, value.toString());
100                 }
101             }
102             format = format.replace(/%%/, "%");
103             return format;
104         }
105     };
106 }
107
108 function pluralize(format, count) {
109     var plural = "s", singular = "";
110     if (format) {
111         format = format.replace(/(:|;|\\s|/|/)/g, "").split(/,/,/);
112         if (directives.length === 1) {
113             if (count > 1) {
114                 plural = "s";
115             } else {
116                 singular = "";
117             }
118         }
119     }
120 }
```

10. SCOPE OF THE PROJECT

Scope of the assignment Hostel Booking System. it may hold amassing perfect management in information. In a very short time. The collection might be obvious, easy and practical. It's going to assist someone to Know the management of surpassed year flawlessly and vividly. It also allows in current all works relative to Hostel Management System. It will be additionally decreased the cost of gathering the control & series manner will move on smoothly. Our mission pursuits at Business technique automation, I.E. We've attempted to computerize various approaches o Hostel Management System .In computer system the man or woman has to fill the various forms & wide variety of conies of the paperwork can be without problems generated at a time. In computer system. It isn't necessary to create the manifest but we will direct print it, which saves our time. To help the personnel in capturing the attempt spent on their respective operating areas. To make use of resources in an green manner by way of growing their productivity through

11. CONCLUSION

The improvement of the hostel control gadget is a user pleasant device to indents to automate the hostel from manual systems.

It's a pc primarily based system a good way to manipulate all of the operations of the hostel This system gives usability, balance and cost effectiveness also flexible and adaptable by way of any working system.

Thus this undertaking may be a guiding principle for the novices and can be instance for the development of a small program.

12. REFERENCES

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