**CS5130 Term project Proposal**

1. Student Name: Srujana Yerrakula

2. WebApp Name: Hotel Bookings Management System

3. WebApp Description: Hotel Bookings Management System allows the customer to book the room according to their needs and they can select the room type from a wide variety of rooms available by applying filters and admin can view the bookings made by customers and can also update the room details.

4. WebApp Functions & Pages:

* Functionalities (what the WebApp does)
  + Login page: In this page its asks for email address and password to login.
  + Signup Page: It allows users to sign in/sign up to the portal with their mail Id, phone number and password. If account already exist it doesn’t allow to create new account.
  + Home Page: It allows customers to see available rooms according to their needs and to book the rooms. And admin can view the bookings.
  + Admin Page: He can check the bookings done by customers and also provide the availability of rooms.
  + Bookings Page: This page allows customers can book the room and view their booking. Once, booking is done both admin and customers will receive a confirmation mail.

* Files needed (provide list of files that you’ll make and describe what it does)

o pdo.php: This file is used to connect which database should it to be connected and its credentials present in this.

o dataEntry.php: This file is used to send details entered by customers to database.

o index.php: This is the login page in this page its asks for email address and password to login. If this is his first time, they can sign up.

o loginCheck.php: This is used to validate the credentials of customer.

o home.php: This file is used as display webpage after login and display the availability of the rooms .

o logout.php: This is used to make to user logout from site.

o profile.php: This page is used to view their customer details and delete their account.

o email.php: This is used to send the appointment confirmation on mail to both patient and doctor.

o roomdetailsUpdate: This is used to update the room details if there are any vacancies.

o main.css: All the styling properties are included in this file.

o main.js: This file contains some javascript functions to run this application.

5. Contribution (clarify contribution of each student, who does frontend / who programs xxxx file, etc)

* Student #1: Keerthi Alekya Muppuri
* Development of login page, and database connection to store the data
* Home page to view the availability of rooms.
* Profile page to view customer details.
* Logout.
* Student #2: Srujana Yerrakula
* Login check to validate user credentials.
* Room bookings
* Confirmation of e-mail.