

Online Hall Booking Management System

“HALL MANAGEMENT”

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Problem Definition

As we are aware regarding the current process of booking the hall in the CSED department, every time if any user(student/faculty) who wants to book a hall then they have to do it manually i.e. they have to run to the CSED department every time in order to book a hall or cancel a booking. Booking hall manually is very difficult either because the hall is not available for the particular date and time or because there is too much crowd that arises at the same time for booking a hall. Even if everything is cleared a user has to wait in queue for making the choices of selection. Thus a manual booking method is not an effective and efficient way of booking a hall

Drawbacks Of Existing System

- ❑ **Chances Of Mistakes Increases:** It's difficult for a person to be 100% accurate. There can be chances of mistakes to occur during data entry
- ❑ **Increased Workload:** Taking input from the user and they entering into the system increase an extra workload of the staffs and also increases the chances of mistakes too.
- ❑ **Time Consuming:** For booking hall, it can be done only during office hours. After this, no booking is to be done and if anyone wants to book a hall then he/she has to wait for the next day. Thus its time consuming and doesn't saves precious time of the user.

Input and Output

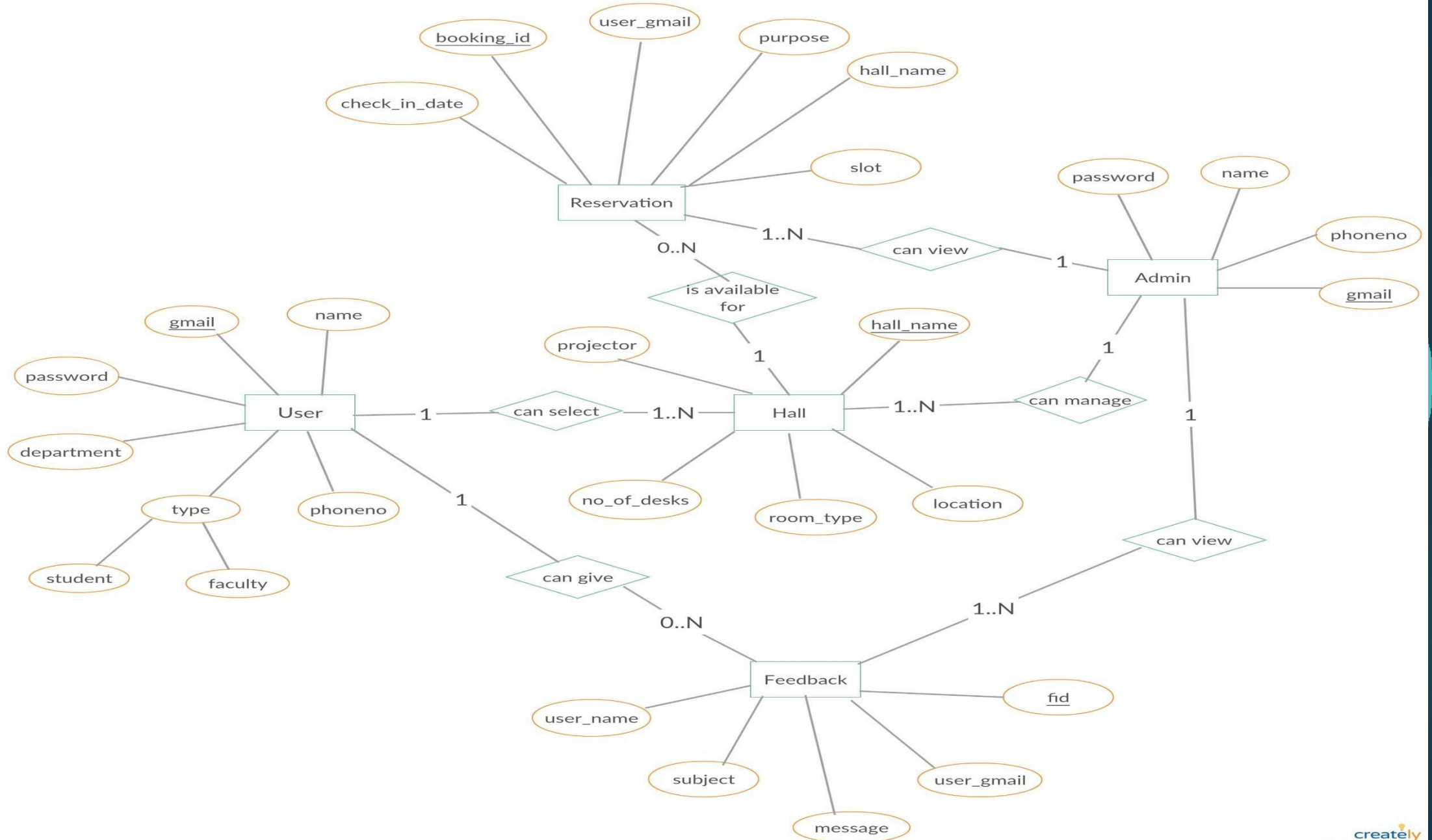
Operation	Input	Output
Admin	<ul style="list-style-type: none">• Insert correct email_id and password.• Insert hall details, update hall details, view hall details like hall name,projector availability, roomtype(Ac/Non Ac),Hall location and seat capacity• Admin has the option to delete the hall if the hall is no longer required or some work is to be performed so no one can select that hall• Admin can click on view all booked hall details• Admin can click on view feedback button	<ul style="list-style-type: none">• Direct admin to admin dashboard for “successful login” Hall details will be added.• Hall details can be inserted successfully, updated successfully and viewed successfully.• Hall details will be deleted successfully.• Booked hall details will be shown here.• Shows all the feedback that is done by the users.

Operation	Input	Output
User	<ul style="list-style-type: none"> New user can register on to the website by entering name, password, email_id, phone number and user type Login by entering correct email_id and password User can update his profile by changing phone number, department and user type. User should select a hall click on corresponding book button. User fill in the form by entering purpose of booking the hall, date of commencement and the slot at which user wants the hall and then click on reserve now button. User can cancel the booked hall if the hall is no longer required only when its date and slots have not arrived otherwise no cancel button will be shown. User can send his/her positive or negative feedbacks too where user enters subject and message and click on send button 	<ul style="list-style-type: none"> User will be registered on to website successfully. On successful login user is directed to the user dashboard. User details will get updated successfully. It will direct user to confirm booking page where user can see booked slots of the selected hall and a form for booking the selected hall. Booking confirmed message be shown. Hall will be removed easily with a message of hall cancelled successfully. Feedback will be send to the admin.

Motivation and Relevance's

We can get rid of the above stated problems by using this web application. This application provides a platform so that every user by himself/herself at anyplace and at any time can book a hall and cancel their booking easily without any difficulty. It makes the booking and cancelling process very easier for the user regardless of waiting in a queue and straggling also this process is very time consuming and it lessen the work of the user to run to the CSED department to book a hall.

Entity Relationship Diagram



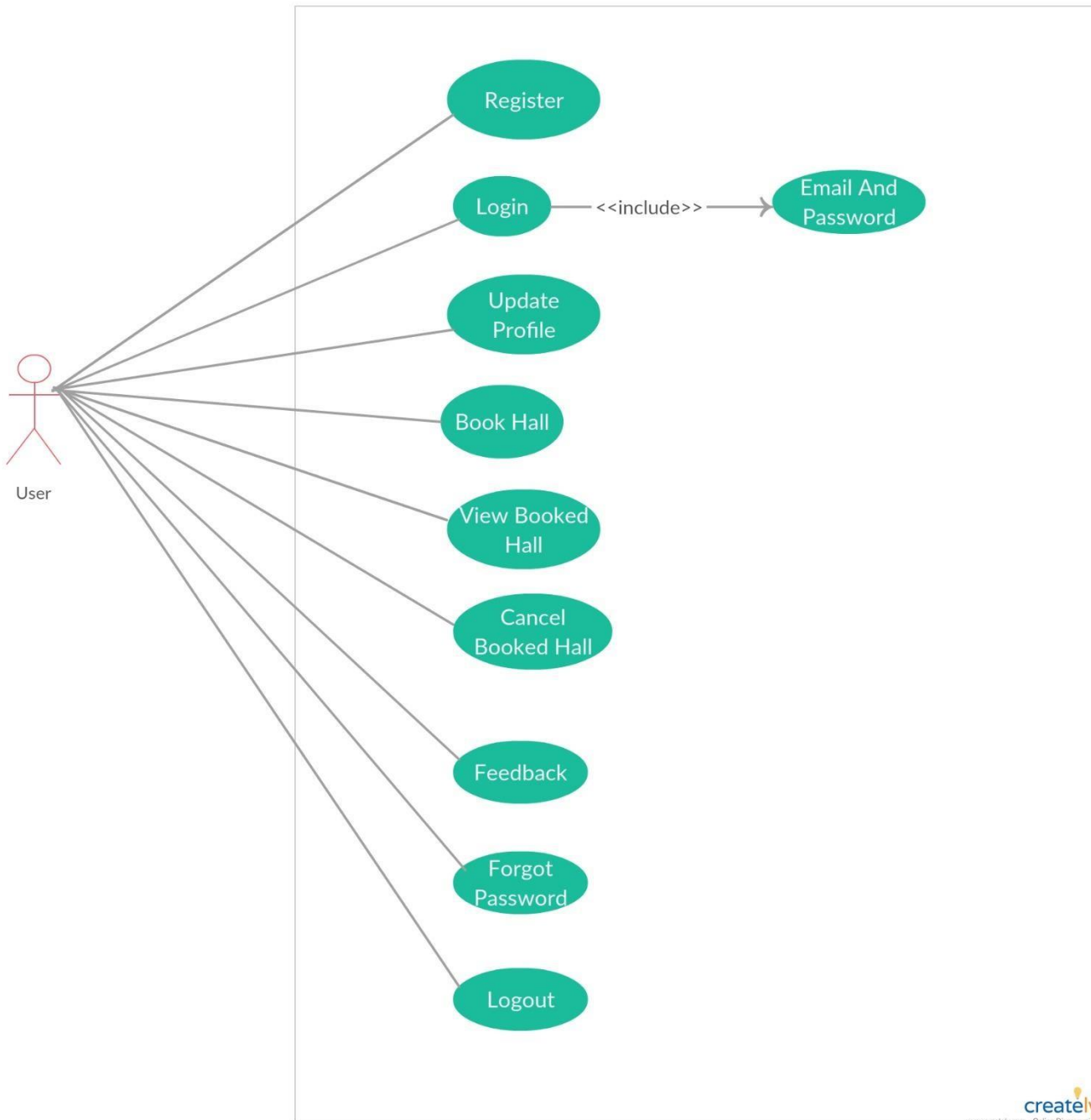
Use Case Diagram





This figure represents the Use Case Diagram of Admin. A use case diagram depicts the pictorial representation of what all function an admin can perform to manage a proper flow of booking a hall.

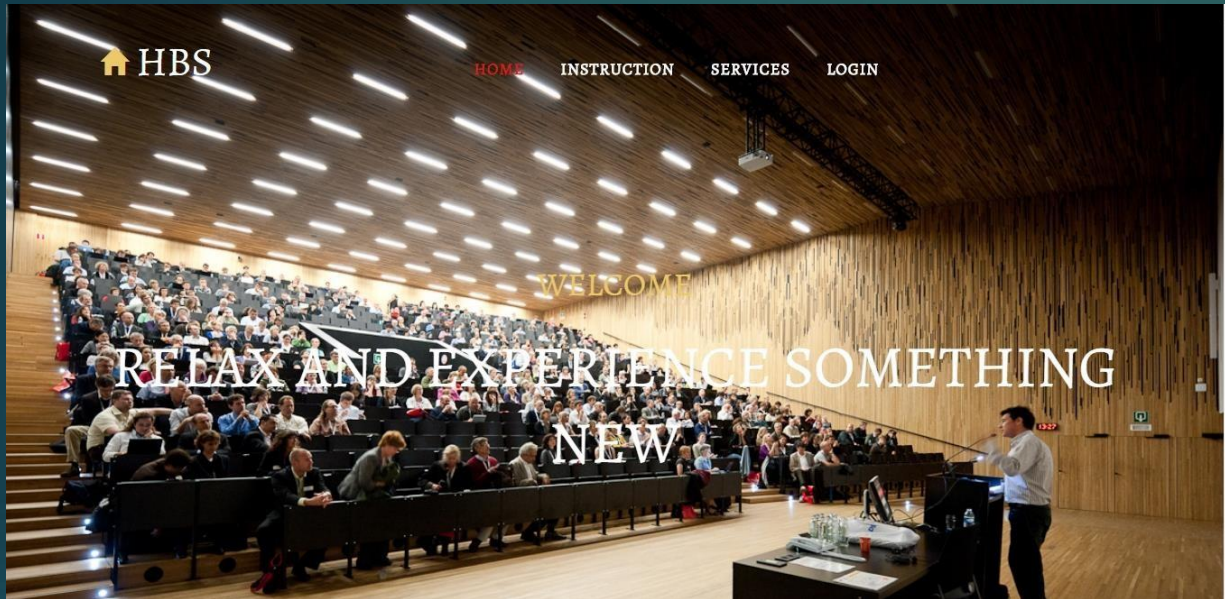
System



This figure represents the Use Case Diagram of User. A use case diagram depicts the pictorial representation of what all functionalities a user can perform during a process of booking a hall.

Implementation Phase

The background is a dark teal color. In the top right corner, there is a solid red vertical rectangle. On the right side, there is a large, solid cyan circle. The text "Implementation Phase" is centered horizontally and partially overlaps the cyan circle.



HOME PAGE

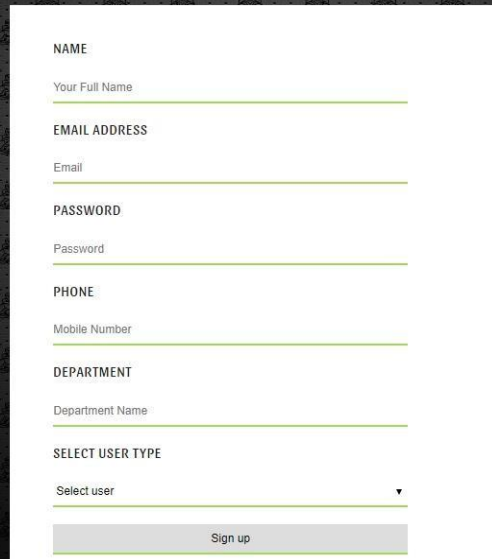
This is the main startup page of the project.

A screenshot of the Sign In and Sign Up Form. The form is titled "SIGN IN AND SIGN UP FORM" and features two tabs: "Sign In" and "Sign Up". The "Sign Up" tab is selected. The form contains the following fields: "ROLL NUMBER OR FACULTY ID" with a placeholder "Your Roll Number/Faculty ID", "SELECT USER TYPE" with a dropdown menu showing "Select Type", and a green "VERIFY USER" button. The footer text reads: "© 2018 Hall Booking System. All Rights Reserved | Design by Abhishek Sumeet Toppo".

USER VERIFICATION

User verification is to be done here to check whether a user is an existing member of CSED department or not. Here user needs to enter his/her roll number/faculty id and user type whether they are student or faculty and click on verify user button.

SIGN UP FORM

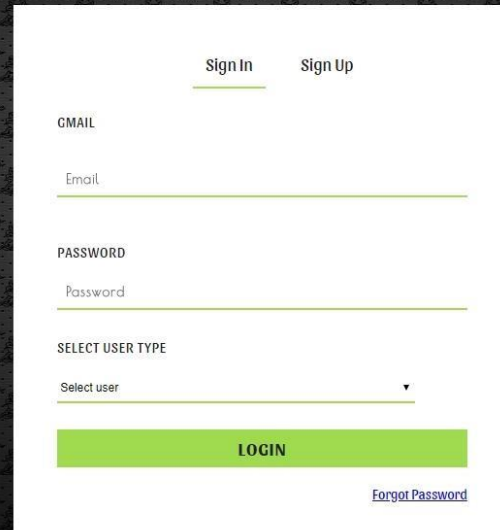


A sign-up form with a white background and green borders, set against a dark background with a repeating pattern of small trees. The form contains the following fields: NAME (Your Full Name), EMAIL ADDRESS (Email), PASSWORD (Password), PHONE (Mobile Number), DEPARTMENT (Department Name), and SELECT USER TYPE (a dropdown menu with 'Select user' as the placeholder). A 'Sign up' button is located at the bottom.

SIGN UP PAGE

After proper verification is done then only user is redirected to the sign up page where user needs to register themselves on to the website by filling in the details like name, email_id, password, phone number, department and user type and then after click on sign up button user get register themselves on to the website.

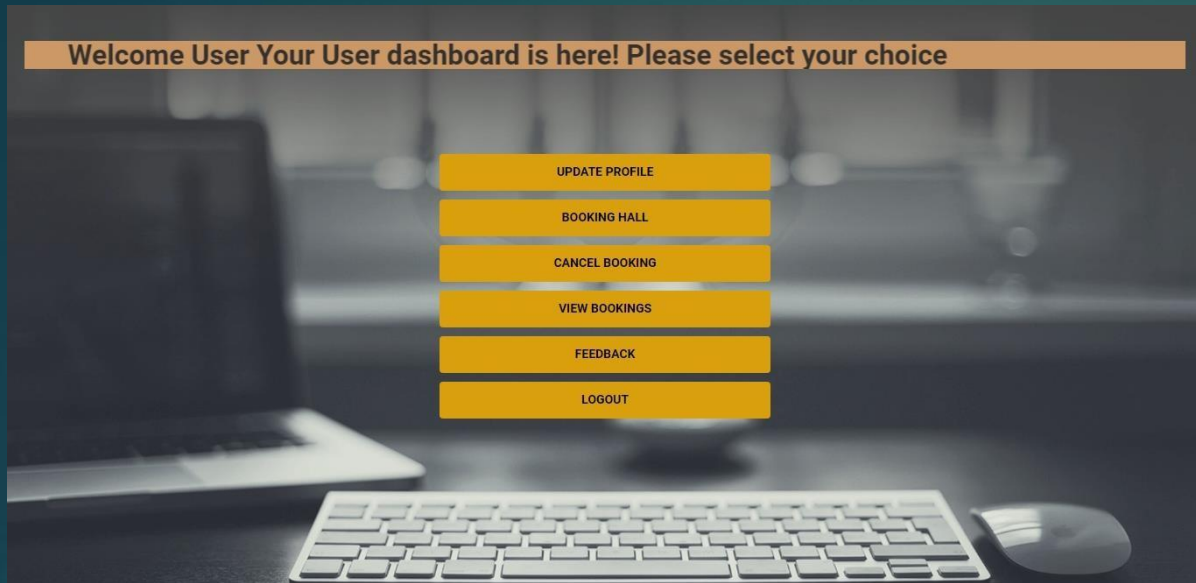
Sign In Sign Up



A user login form with a white background and green borders, set against a dark background with a repeating pattern of small trees. The form contains the following fields: GMAIL (Email), PASSWORD (Password), and SELECT USER TYPE (a dropdown menu with 'Select user' as the placeholder). A green 'LOGIN' button is located at the bottom. A link for 'Forgot Password' is located at the bottom right.

USER LOGIN PAGE

User can login by providing the correct email_id and password. A message of “*login successfully*” will be shown on the screen for correct email_id and password otherwise a message of “*wrong email_id and password*” will be shown.



USER DASHBOARD

After successful login is done user is redirected to the user dashboard which generally include update profile button, booking hall button, cancel booking button, view booking button, feedback button and logout button when user wants to logout from his/her session.

UPDATE PROFILE

Name

Lakshit Garg

User Email-ID

lakshitgarg@gmail.com

Phone Number

8137013724

Type

Student ▾

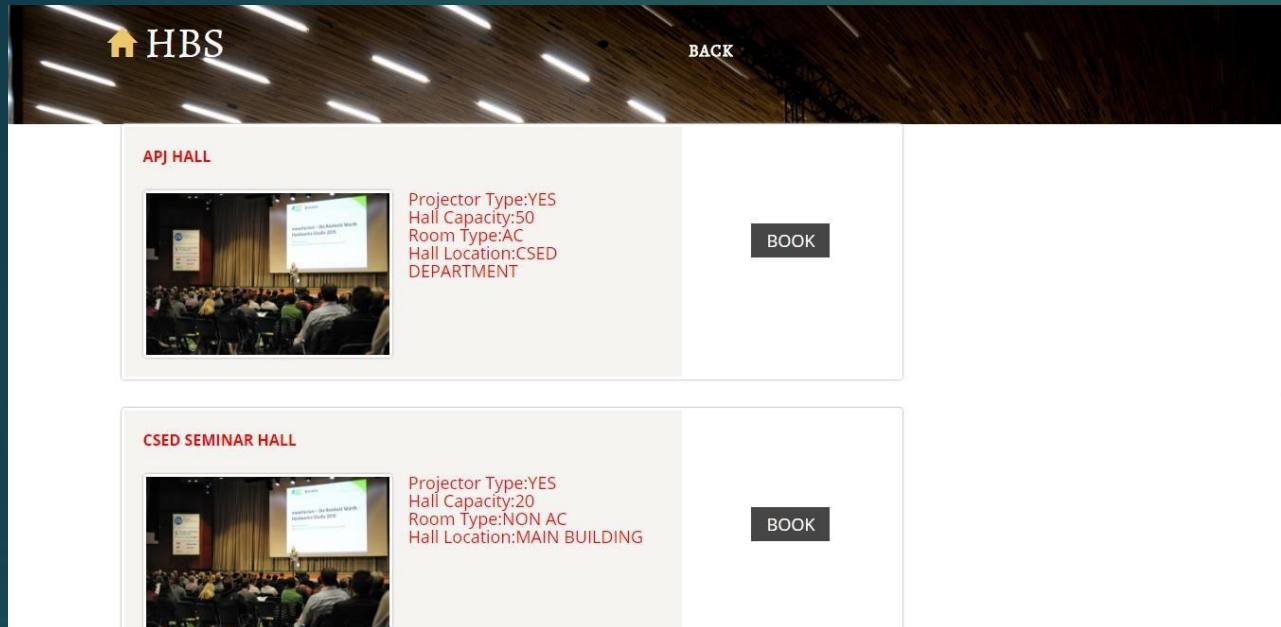
Department

CSED

UPDATE NOW

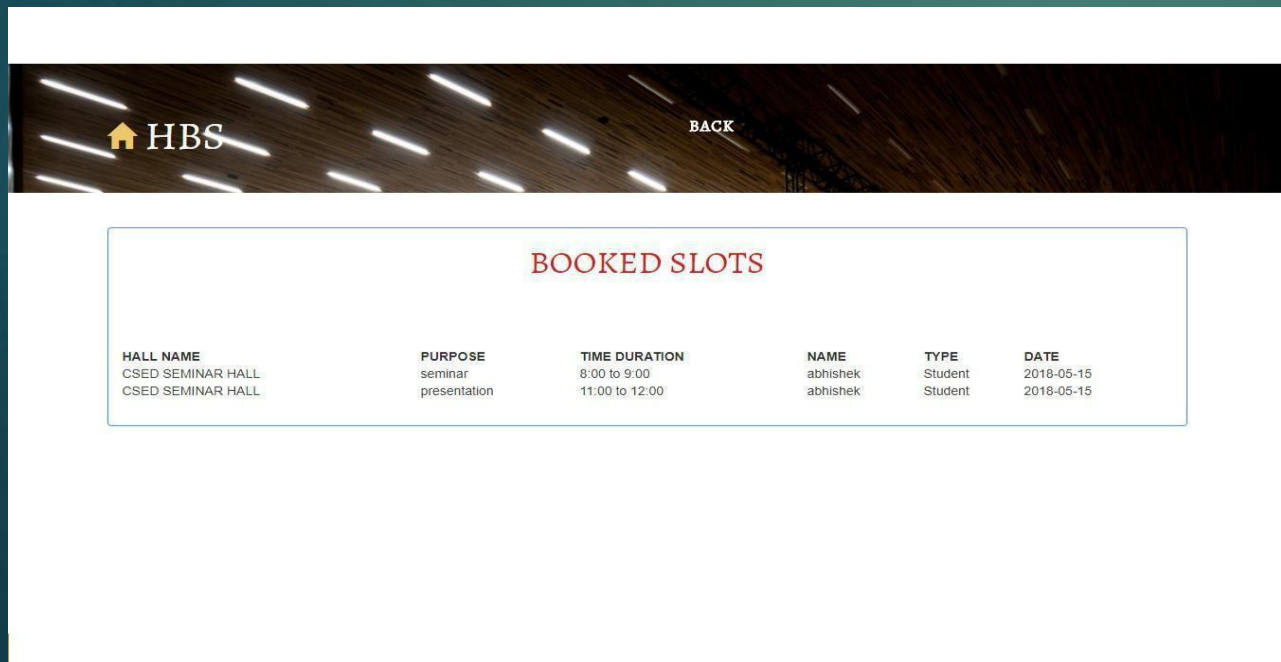
UPDATE PROFILE

By clicking on the update profile button from the user dashboard, user is redirected to update profile page where user can update his/her profile.



SELECTING A HALL

After clicking on booking button from the user dashboard, user is redirected to booking page where user can select one hall and click on the book button corresponding with a hall.



SELECTED HALL BOOKED SLOTS

After selecting one hall, user can see the booked slots of the selected hall. This booked slot includes hall name, purpose, time duration, name of user who book the hall, user type and date.

BOOKING

Hall Name

APJ HALL

User Email-ID

lakshitgarg@gmail.com

Purpose

Lecture

Date

06/24/2018

When would you like to come?

Slot B : 9:00 to 10:00, Slot C : 10:00 to 11:00

RESERVE NOW

🏠 HBS

BACK

CANCEL BOOKED HALLS

SNO.	BOOKING ID	HALL NAME	PURPOSE	TIME DURATION	DATE OF COMMENCEMENT	CANCEL HALL
1	1	APJ HALL	Lecture	9:00 to 10:00	2018-06-24	Cancel
2	2	APJ HALL	Lecture	10:00 to 11:00	2018-06-24	Cancel
3	3	APJ HALL	Lecture	11:00 to 12:00	2018-06-24	Cancel
4	4	APJ HALL	Lecture	12:00 to 13:00	2018-06-24	Cancel

NAVIGATION

HOME
INSTRUCTION
SERVICES
HALL DETAILS
CONTACT

GET IN TOUCH


NATIONAL INSTITUTE OF TECHNOLOGY,CALICUT
CALICUT,KERELA
PINCODE-673601

CONFIRM RESERVATION OF HALL

After user have filled the form and click on reserve now button then a message of “*booking confirmed*” will be shown on the screen to highlight that your booking is done successfully.

CANCEL RESERVATION OF HALL

From the user dashboard, user can click on cancel booking button if user thinks that the booked hall is no longer required by him/her. Here user needs to click on cancel button corresponding with the hall that the user wants to cancel.

BACK

VIEW BOOKED HALLS

SNO.	BOOKING ID	HALL NAME	PURPOSE	TIME DURATION	CHECK_IN_DATE
1	4	APJ HALL	Lecture	12:00 to 13:00	2018-06-24
2	3	APJ HALL	Lecture	11:00 to 12:00	2018-06-24
3	2	APJ HALL	Lecture	10:00 to 11:00	2018-06-24
4	1	APJ HALL	Lecture	9:00 to 10:00	2018-06-24

NAVIGATION


- HOME
- INSTRUCTION
- SERVICES
- HALL DETAILS
- CONTACT

GET IN TOUCH

NATIONAL INSTITUTE OF TECHNOLOGY,CALICUT
CALICUT,KERELA
PINCODE-673601

VIEW BOOKING DETAILS

From the user dashboard, user can click on view bookings to view what all halls that he/she has booked till now.

BACK

FEEDBACK PAGE

Very Nice Service And Hall.

USER SENDS FEEDBACK

User can select feedback button from the user dashboard to send his/her reviews regarding the hall provided.

localhost says
Correct Email-id AND Password

OK

EMAIL ADDRESS

sumeettoppo95@gmail.com

PHONE

9162743419

Retrive Password

© 2018 Hall Booking System. All Rights Reserved | Design by Abhishek Sumeet Toppo

PASSWORD

YOUR PASSWORD IS:

abhishek

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FORGOT PASSWORD

If somehow user forgets his/her password then he/she can click on forgot password button from the login page which asks the user to enter his/her correct email_id and phone number and click on retrieve password button. If the users enters the correct email_id and phone number then his/her set password will be shown on the screen otherwise a message of “*wrong email_id and phone number*” will be shown.

Conclusion

This application makes all the process hassle free for the user. This system replaces the existing system with more features also the system provides security to user documents. Here this application comes as a savior and manages to maintain all the confidentiality and provides an ease by making this process simpler and quicker. This system thus reduces the load of the user and make them feel free to book a hall from any where and at anytime without there requirement of any third party. Thus this system helps in making the use of resources efficiently and effectively.

Thank You

