Team Compass

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Date of Submission: May 17, 2019

SAMCIS classrooms

SAMCIS classrooms is a web application that will assist instructors that are in need of classrooms for make-up classes or if they are required to transfer or move to another room temporarily, due to construction concerns or other circumstances. This could also be used by students who are in need of classrooms for their thesis meetups, brainstorming activities, academic discussions, and practice for their reporting or presentations.

Web Technologies and Frameworks used:

Brackets	The group used Brackets for code editing only.
Github	We used the Github repository for updating and backup of any changes for our project.
Wamp	We used the Wamp server to deploy our web application for the PHP module.
MySQL Workbench	We used MySQL Workbench for editing the queries and tables that will be used for our database.
phpMyAdmin	We used phpMyAdmin for storing and organizing the database that will be used for the web application, and also a basis of errors in our PHP scripts.
PHP	We used PHP for creating server-side scripts for the 1st version of the project.
JSP	We used JSP for creating server-side scripts for the 2nd version of the project.
Apache Tomcat	This was used by the JSP group to deploy the web application.
Netbeans	We used Netbeans for running apache tomcat server and for connecting MySQL database.
Bootstrap	This was used for the admin interface of our web application to make it more efficient for us to accomplish the admin UI.
HTML, CSS & JS	We used HTML for the structure of our web application and CSS for the aesthetics of the web application, and JavaScript for client-side scripts.

PHP

Project Assessment:

Project Features:	% accomplishment:	Remarks:
Login (Client & Admin)	65%	Users are successfully logged in and redirected to the index of the web application. Deficiencies: Session handling was not implemented on login of user; There is no distinction between the login of an admin and a user; Logout button is missing.
User Registration	72%	Data inputted by users for registration are added successfully in the database. Deficiencies: There is no basis on how many are not users are registered in the database.
Classroom reservation	75%	Submitted data by the users are successfully inserted to the database. Deficiencies: One column (Figure 4) of the database is not showing the input of the user.
Cancel reservation	0%	This will suppose to cancel the reservation made by the user.
Available classrooms	0%	This will suppose to show the classrooms that were not reserved by any user.
Admin access	15%	The datas are successfully displayed on the admin interface. Deficiencies: Displaying of data is not organized (CSS); The database and the admin interface had conflicts with the display of data; Deleting of accounts of users was not implemented; Approving of reservations made by users before letting them be notified was not implemented.

Project Assessment:

Project Features:	% accomplishment:	Remarks:
Login	10%	UI is accomplished and registration button is fully functional. Deficiencies: Login doesn't function due to errors with MySQL and netbeans.
User Registration	55%	Interface is accomplished and storing data for the registration is slightly functioning. Deficiencies: There are some errors when storing data to the MySQL database; This part worked before but after restarting the working terminal, it had an error of a particular table in the database.
Classroom reservation	10%	Only the UI is accomplished.
Cancel reservation	5%	Only the UI is accomplished.
Available classrooms	5%	Only the UI is accomplished.
Admin access	0%	Module was not accomplished.

Project Screenshots:

User Module
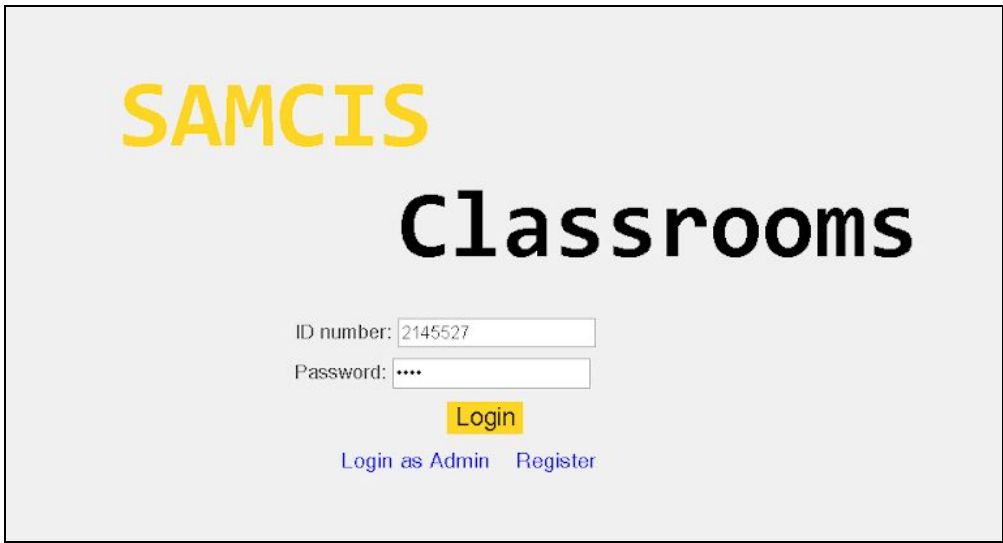
Figure 1: User Login

Figure 1 will let a user whether teacher or student to be logged in to the main index of the web application.

Figure 2: Registration page
Figure 2 will allow a user to register his/her own credentials, the
ID number will be used for their login.

Figure 3: Reservation page
Figure 3 will allow a user to submit a form of his/her desired classroom
to reserve, this will ask the user the room, time, date, and purpose
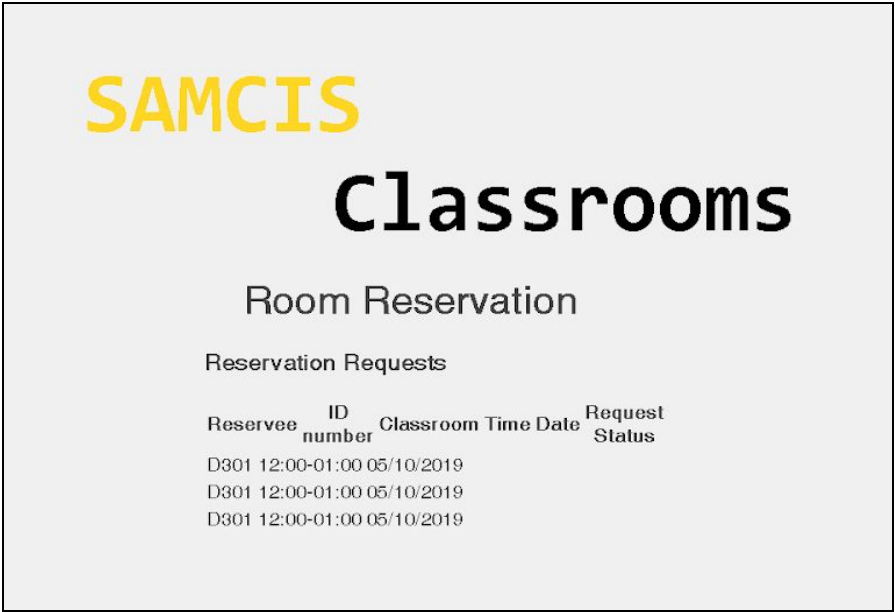For his/her reservation.

Figure 4: User reserved page

Figure 4 will show the user what are the reservations that he/she has made or submitted and the status, if the admin has approved or declined the reservation.

Admin Module
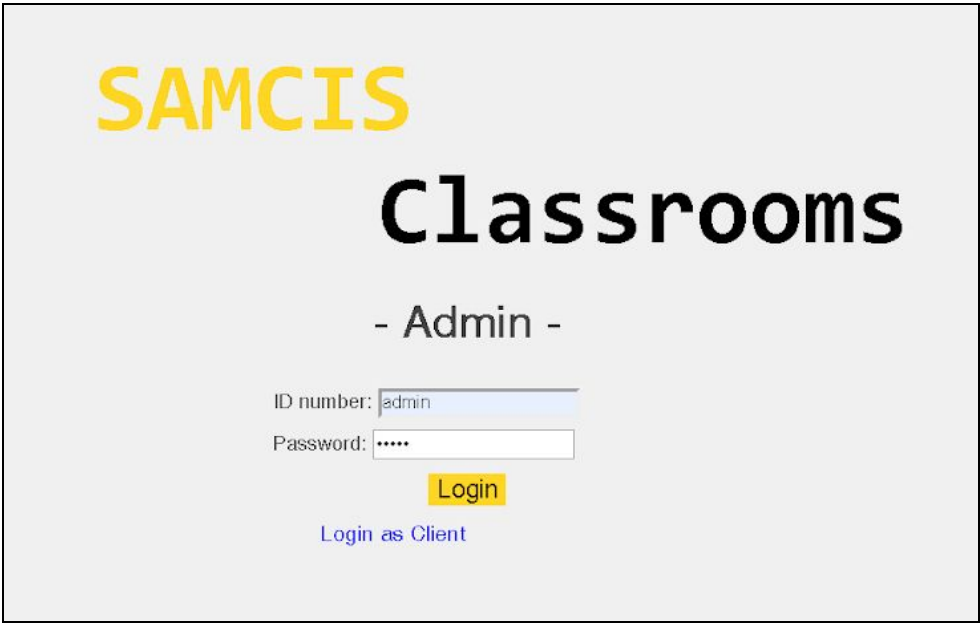
Figure 5: Admin Login

Figure 5 is the login interface for an admin user.

Figure 6: Admin Dashboard
Figure 6 will let the admin see the activity of the user
by means of the users' login.

Figure 7: Reservation request page
Figure 7 will let the admin approve or decline the
reservation made by the user.

Figure 8: User Accounts
Figure 8 will let the admin see the credentials of the user,
the admin will also be able to delete an account.

Figure 9: Database deficiency