

CSE5015 Computing Project Proposal Approval Sheet

Student Use only;

Group Name	15	Attempt No	1
Title of the project	SmartAttend		
System platform	<input checked="" type="checkbox"/> Web Application <input type="checkbox"/> Desktop Application <input type="checkbox"/> Mobile Application <input type="checkbox"/>		
Technology	Html, CSS, JavaScript, PHP, MySQL		
Programming methodology	<input type="checkbox"/> Structured System Analysis and Design Methodology <input checked="" type="checkbox"/> Object Oriented Analysis and Design Methodology		
SDLC	Agile Methodology		
Student No	CL/HDCSE/CMU/112/116	Full Name	Palliyage Vihanga Kaveesh Venitious
Roles & Responsibilities; <ul style="list-style-type: none"> • Back-end development • Develop and implement the server-side logic of the web application • Debugging and testing • Implement security protocols • Optimize backend performance 			
Student No	CL/HDCSE/CMU/112/114	Full Name	Hashen Milusha Silva
Roles & Responsibilities; <ul style="list-style-type: none"> • Front-end development • Design and implement the user interface (UI) using HTML, CSS, and JavaScript • Integration with Backend • Collaborate with the project team to enhance the user experience • Ensure that the application is mobile-friendly 			

<ul style="list-style-type: none"> • Conduct testing on different devices and browsers 			
Student No	CL/HDCSE/CMU/112/113	Full Name	Magage Movindu Sulochana
Roles & Responsibilities; <ul style="list-style-type: none"> • Database management • Design the database schema, including tables, relationships, indexes, and constraints • Handle the setup, configuration, and maintenance of the database • Monitor database performance and optimize queries • Work closely with the backend developer to ensure seamless integration 			
Student No	CL/HDCSE/CMU/112/89	Full Name	Chanithi Savindhi Gunarathne
Roles & Responsibilities; <ul style="list-style-type: none"> • Project management • Develop a detailed project plan, including timelines, milestones, resource allocation, and risk management strategies • Coordinate the activities of the development team • Track project progress • Ensure that the final product meets the quality standards 			
Student No	CL/HDCSE/CMU/112/109	Full Name	Farah Hiflan
Roles & Responsibilities; <ul style="list-style-type: none"> • Business analysis and documentation • Gather and document the business requirements for the project • Analyze the business needs • Create process models, flowcharts, and diagrams that outline the workflows and interactions within the system • Maintain thorough documentation of the project 			

System Functionality:

Student

Function	Description
Login	<ul style="list-style-type: none">Students can log in using their credentials.After logging in, they can view their profile, lecture materials, and attendance records.
View Lecture Materials	<ul style="list-style-type: none">Students can access and download lecture materials uploaded by teachers.
Mark Attendance	<ul style="list-style-type: none">Students can scan a QR code generated by the teacher to mark their attendance.The system verifies the geolocation of the student's mobile device to ensure they are within the predefined classroom location.
Upload Assignments	<ul style="list-style-type: none">Students can upload assignments unless the assignment submission portal is blocked by the management.
View Attendance Summary	<ul style="list-style-type: none">Students can view their own attendance summary, including the percentage of attendance and details of days absent.

Teacher

Function	Description
Login	<ul style="list-style-type: none">Teachers can log in using their credentials.They can manage their classes, upload lecture materials, and send bulk messages to students.
Add Lecture Materials	<ul style="list-style-type: none">Teachers can upload lecture materials for their classes.
Send Bulk Messages	<ul style="list-style-type: none">Teachers can send bulk messages to students via the website.
Start a Session	<ul style="list-style-type: none">Teachers can start a session, which generates a QR code for attendance marking.The system verifies the QR code scans and checks geolocation to confirm attendance.

View Attendance Summary	<ul style="list-style-type: none"> Teachers can view attendance summaries of students in their classes, including individual student details and attendance percentages.
-------------------------	-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

Management

Function	Description
Login	<ul style="list-style-type: none"> Management can log in using their credentials. They have access to manage students and teachers, view attendance summaries, and control assignment submission access.
Manage Students and Teachers	<ul style="list-style-type: none"> Management can add, update, or remove students and teachers.
Block Assignment Submission	<ul style="list-style-type: none"> Management can block the assignment submission portal for students whose attendance is below 80%.
View Attendance Summaries	<ul style="list-style-type: none"> Management can view detailed attendance summaries for individual students, including attendance percentages, absent days, and other relevant details.
Student Information Management	<ul style="list-style-type: none"> Management can access and manage student information, including profiles, attendance records, and assignment statuses.

Official use only;

Status: Approved / Rejected

Date of the status:

Approved by:

.....

