

Bi-Weekly Status Report

CSCE 4905/4925

Date: 9/7/2025

Team Name: Group 3

Prepared by: Brendon Stepanek

Accomplishments for the previous 2-week period-

Over the last two weeks, we were able to complete the following:

- Draft Remaining Project Checklist
 - Remaining Features & Functions
- Plan New Features
 - IP Geofencing
 - AI Notifications
- Update Complete Project Plan
 - Updated Gantt Chart
 - Updated Project Charter
 - Updated Project Scope
 - Updated SRS
 - Updated Project Plan
- Update DDS Document
 - Update & Refine Class Diagram
 - Update Information Architecture Diagram
 - Update Entity Relationship Diagram
 - Update Data Flow Diagram

- Update Use Case Diagrams

Problems Encountered

No significant problems encountered up until this point. 09/7/2025

Plans for the upcoming 2-week period

- Week 1
 - IP Geofencing
 - Implement SSID/Network Validation.
 - Add database support for allowed SSIDs.
 - Update AttendanceRecord model with ssid.
 - AI Notification
 - Class start reminder
 - 5 minutes before class notification
 - Define timing windows
 - Class start = on time
 - After threshold = late
 - After class end = absent
 - Verify roles still functioning
- Week 1 Deliverables
 - Students can check in only on approved SSIDs.
 - Notifications are sent 5 minutes before and at class start.
 - Attendance flow automatically handles on-time, late, absent.

- Week 2
 - Implement Teacher modify attendance record function in UI.
 - Finish export feature (CSV/PDF)
 - Finish Pie Charts for attendance visualization
 - Add Profile picture UI + User name to dashboard
 - Improve UI styling across dashboards/login page
 - Colors, layouts, transitions
 - Add confirmation message reminder
 - “Keep application open for 30 minutes after attendance recording.”
 - Add more users to database for demo/testing.
 - Update Project Plan to reflect progress/changes.
- Week 2 Deliverables
 - All core attendance and notification features complete.
 - Teacher dashboard fully functional (modify, export, charts).
 - UI polished with profile images + styled login.
 - Test database populated with users.

Project Plan Reconciliation

Unsure of what exactly is expected in this section

At this point in time, our project plan aligns with the current status of our project. All recent additions/changes such as the AI notification and IP geofencing have been incorporated into the project plan.

Group Attendance

Meetings (Dates)	Joshua Odegai	Zain Jamal	Maximiliano Hernandez	Brendon Stepanek	Neel Patel	Member
Class 1	Present	Present	Present	Present	Present	N/A
Class 2	Present	Present	Missed	Missed	Present	N/A
Class 3	Present	Present	Present	Present	Present	N/A
Class 4	N/A	N/A	N/A	N/A	N/A	N/A
Team Meeting 1	Present	Present	Present	Present	Present	N/A
Team Meeting 2	Present	Present	Present	Present	Present	N/A
Team Meeting 3	Present	Present	Present	Present	Present	N/A
Team meeting 4	N/A	N/A	N/A	N/A	N/A	N/A