User stories
CITS3200 Group 27 – UWAttend Project

The following user stories outline the requirements for our project. Sprint 2 focuses on the highest priority features that must be completed to meet the core objectives. Sprint 3 will address additional functionality that, while not critical, will enhance the overall project.

The primary user of this project will be our client, the professor, and facilitators overseeing tutorials and laboratory sessions at UWA.

Sprint 2 (High priority functionality)

- Professor
  1. As a professor I need to track student attendance so attendance grades can be given out at the end of semester.
  2. As a professor I need a centralised grading database that all professors and lecturers can access so that data is synchronised and reliable.
  3. As a professor I need a centralised attendance database that all facilitators can access so records can be viewed easily and reliably.
  4. As a professor I need to ensure the attendance I just recorded is syncing with a centralised database so the data stays reliable, accurate and up to date
  5. As a professor I need a database that is cross compatible with all types of devices with no limitations to accessibility so I can access this database anyway I want.
  6. As a professor I need to track student attendance of safety briefs so accidents are less likely to happen in a workshop. This will also enable me to follow up with any students who miss these sessions to address discrepancies and ensure their safety.
  7. As a professor I need to track when students sign out so I can trace whether a student has safely made it to the end of class without having been hospitalized or evacuated.
  8. As a professor I want to know if a student is not attending classes so I can follow up with the student to solve the issue.
  9. As a professor I need to be able to sign a student in with either a student number or name so that if a student forgets their number they can still sign in.
  10. As a professor I would like a list of students in each class so I know if a student who is trying to sign in is in the wrong class and I can inform him/her.
  11. As a professor I would like my own personal login so my specific account is secured and only accessible by me.

12. As a professor I need to be able to allocate classes to any staff member so when I can't make it in, I can allocate someone else to register for the classes and take the attendance for me.

- Lecturer and head of department
    1. As a facilitator I want to sign people in as easy as possible so I can start the lecture earlier without wasting any time
    2. As a facilitator I need to be able to keep a neat record of attendance so I can show it to the professor and unit coordinator and respond to any queries from them
    3. As a facilitator I want my class list accessible only by the professors who run the unit so no unauthorised staff can modify or access personal information
    4. As a head of department coordinator, I would like a full database of each classes attendance so I can make calculated decisions about budget, how many lecturers are needed, how many classes need to be ran and how engaged students are with each class.
    5. As the head of department, I would like full access to an attendance database for classes my department falls under so I can have a comprehensive visualization of the attendance of students.

The user stories in Sprint 3 focus on additional functionality that, while not critical or essential, will enhance the project. These features will be built on top of an already functioning system, aiming to address the technical and complex issues identified by the professor.