User stories

These are the user stories used to define the user requirements of the project. Sprint 2 is for our highest priority requirements to get done while the sprint 3 is our extra functionality that will improve the overall project but are not a high priority at this time. The main user will be our professor who is going to primarily be using the project, it is expected that a couple lecturers or facilitators will be using this as well. There is also a small domain for students to be using the project as well which will be defined in sprint 3.

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 to give out grades easily so 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 and I can also then follow up with the student to solve that discrepancy.
    7. As a professor I need to track when students sign out so I can trace whether a student has safely made to the end of class without having been hospitalized or evacuated.
    8. As a professor I want to know if a student is skipping classes so I can follow the student up with emails 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 for the day I can allocate someone else to register for the classes and take the attendance for me.

- Lecturer and head of department
    1. As a lecturer I want to sign people in as easy as possible so I can start the lecture earlier without wasting any time
    2. As a lecturer 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 lecturer I want my class list accessible only by the lecturers or 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 some kind of attendance database for classes my department falls under so I can have a comprehensive visualization of the attendance of students.

Sprint 3 user stories will be our extra functionality that is not a priority or a necessity. It will be built upon an already functioning project with the goal of addressing technical and complicated issues the professor is having and would like to fix.