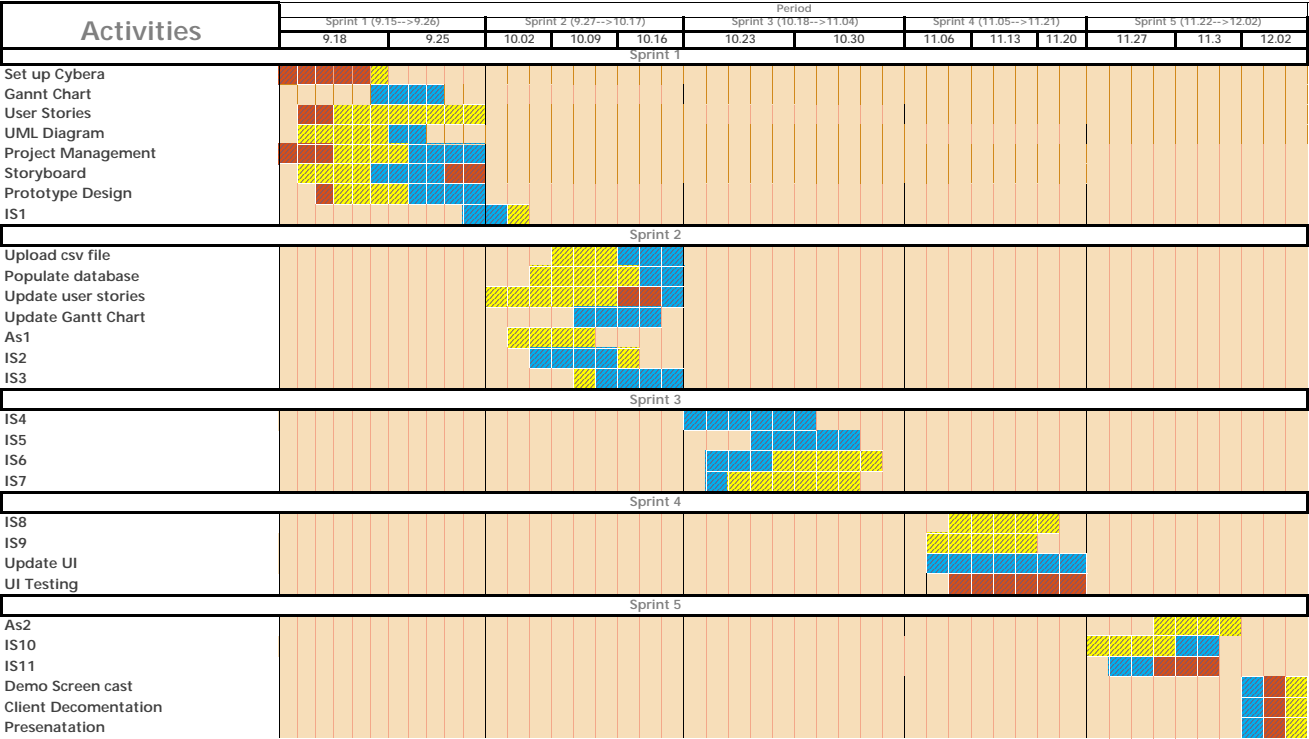


Gantt Chart

Learner Analytics



Programmers



Sprint 1:

Planning:
Design document(User stories), UML diagram, UI design graph/Story boarding, Gantt Chart, Project Overview

Task Assignment:
Omar: Setting up Cybera server and Gantt Chart
Hong: User Stories, UML diagram and planning
Wei: UI and prototype Design and Storyboard

Sprint 2:

Planning:

Finish User Stories IS1, IS2, IS4, AS1 The prototype should allow user(admin) to upload data into database and allow instructor to use some basic features including looking at student list, student performance and individual student profile page with basic information like grade

Task Assignment(tentative):

Omar: User Stories AS1, upload CSV file into Mysql and populate the database

Hong: User Stories IS1, IS2, IS3, set up database connection to backend with PHP

Wei: UI Design for the front end and help finish the user stories for this sprint

Sprint 3:

Planning:

Finish User Stories IS4, IS5, IS6, IS7, AS1(automation) By this sprint, the app should have individual pages for each student and each course along with the basic information like grade on the individual pages.

Task Assignment(tentative):

Omar: User Stories IS7, AS1(automation) make individual student report page

Hong: User Stories IS4, IS6, make individual course report page

Wei: User Story IS5, Create interactive elements/UI design on the main page and summary

Sprint 4:

Planning:

Finish User Stories IS8, IS9, feedback after first demo By this sprint, the app should have all of the necessary features of course data statistics and analysis, grade, quiz, demographics...dynamic UI, more interactive features on the from end, using javascript and work on the document and add possible features with more

Task Assignment(tentative):

Omar: User Story IS8, do the charts for quizzes

Hong: User Story IS9, do the analysis for quizzes

Wei: Create interactive elements/UI design on the newly created pages and documentation is assignment for every team member

Sprint 5:

Planning:

Finish optional User stories IS10, IS11, AS2 Debugging and testing, + feedback from second demo Also finish up documentation

Task Assignment(tentative):

Omar: AS2, testing, debugging and documentation

Hong: IS10, testing debugging and documentation

Wei: IS11, front end polish up and documentation