

Task Cards:

Story Card 1:

Task Card-1: Develop a class(MainFrame) to represent the GUI for GradesTool, that includes all components required(Header banner, Student list combo box, Student information text area, Save button) and corresponding event handler.

Task Card-2: Develop a class(ComboBoxRender) to handle how to render student information in the combo box.

Story card 2:

Task Card-1: Develop a class(Project) that holds the information about a project, such as project name, average grade, team grade list.

Task Card-2: Develop a class(Team) that holds the information about a team, such as team name, project name, student evaluation list.

Task Card-3: Develop a class(Assignment) that holds the information about a assignment, such as assignment name, average grade, student grade list.

Task Card-4: Develop a class(StudentAssignment) that holds student's performance on one assignment, such as student name, assignment name, student's grade, average grade.

Task Card-5: Develop a class(StudentProject) that holds student's performance on one project, such as student name, team name, project name, project average grade, team grade, individual contribution.

Task Card-6: Update class Student to include the performance for all projects and assignments the student get involved in.

Task Card-7: Update class GradesDB to include functions to fetch information for projects, assignments, and student's performance on involved projects and assignments.

Story card 3:

Task Card-1: Develop a class(FileHandler) that handles saving student's information to file.

Task Card-2: Update class MainFrame to support saving student's information to file from UI.