

Sprint 3

Completion of the following tasks from Sprint 2:

Task 11: Implement Action for viewing all saved questions (2)

- Extends base Action class, implements execute method to call database API and retrieve all saved problems
- Outputs list of questions via I/O package's OutputGenerator class

Task 14: Implement command and action for problem sets

- Create Problem Set model objects for determinate problem sets
- Implement command to create Problem Set model from a list of Problem IDs
- Implement action to communicate with the database API, given a Problem Set, and add it to the database

Task 20: Implement GUI with backend (8)

- Implement required methods so that the GUI that can interact with the backend, namely the CreateQuestion and ViewQuestion actions.

User Story 5: As Apple, an instructor, I would like to set release dates and deadlines for the problem sets that I have created.

Task 21: Expand database to associate release date and deadline for problem set (2)

Task 22: Expand API to support new problem set table

- Method to insert Problem set now supports release date and end date parameters

Technical Debt Tasks:

Task 23: Expand output generator to support new object classes (1)

- OutputGenerator's output method should have 2 more overloads, one for Problem objects and one for ProblemSet objects
- Anywhere in the application that calls output should be changed to use the appropriate overloaded method

Task 24: Use Problem/Problem Set object models for databases (4)

- DatabaseInsertAPI has three new overloads corresponding to Problem, ProblemSet and StudentUser object models as parameters
- DatabaseExtractAPI has two new overloads corresponding to List of Problems and Single Problem object models as parameters

Task 25: Fix pipeline to properly use actions and commands (3)

- See below diagram

