

# Penn Course Review Android Application - First Iteration Report

CIS350 - Software Engineering & Design

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**Project repository:** <https://github.com/jinatonic/Penn-Course-Review-Mobile-Beta>

- List of user stories completed in this iteration:
  - User wants to see all reviews for a given department - this has been implemented in the back-end, just need a separate activity/design page for this **(2 points)**
  - User wants to see reviews for a specific course using course number: types in course number, views page of reviews for all past offerings of the course. **(4 points) (H)**
    - Create results page, dynamically populate sample entries into scrollable grid
    - Search functionality
  - User wants to sort reviews by a specific rating (ex. difficulty, course quality, etc), either decreasing or increasing - this has been implemented in backend **(1 point)**
  - User wants to sort reviews by semester - implemented in backend **(1 point)**
  - JUnit tests
  - UI - search page, course reviews page **(2 points)**
  - SearchCache - cache previous searches so repeated searches do not repeatedly query the server. **(2 points)**
- Calculation of project velocity (if less than three points per person, explain why):
  - project velocity: 12 points / iteration
  - We did not have less than three points per person, but we did spend more time per person than originally planned. We did not originally attribute points to UI components as we did not see these as “user stories” and things the user was explicitly concerned about (not related to functionality). As a result, we did not factor in that this would take a significant amount of time and work taking away from time a person can spend on other user stories. We have added points to the UI aspects. We also underestimated point values for each story as we did not factor in the additional time writing JUnit tests for each part of code would take.
- For user stories that were planned but not finished, explain why:
  - N/A
- Describe any known bugs in the application, and how we plan on fixing them:
  - N/A
- For any untested code, explain why:
  - N/A
- If there are any issues that need to be resolved before the second iteration (technical or personnel), describe them here:
  - N/A