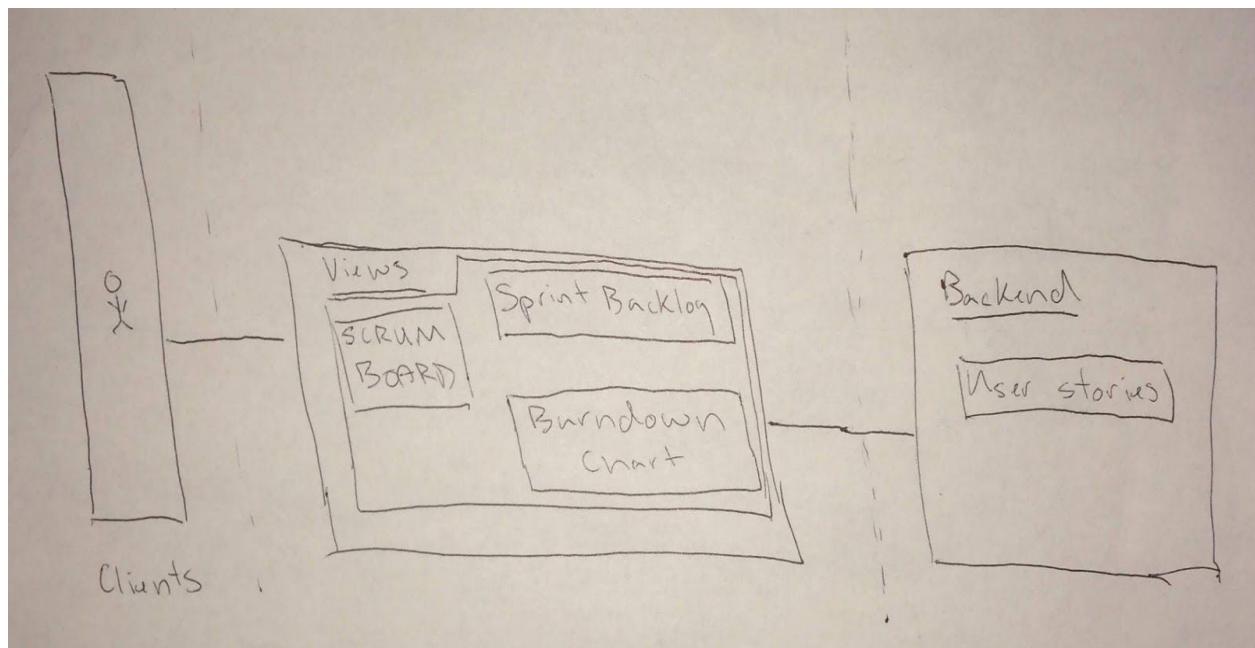


**Team name HRCC:** Cameron Pickard, Chris Wall, Randall Krueger, Hugh McGinley

**Project overview:**

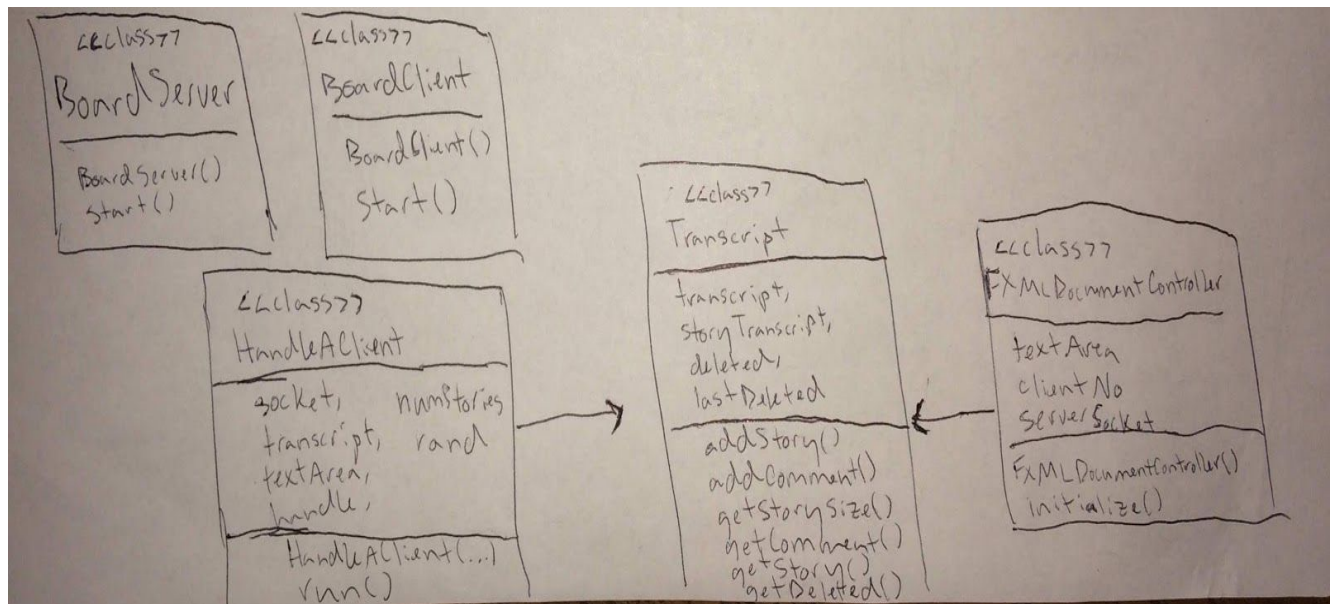
We implemented a SCRUM board that allows users to manage their work on a daily basis. Users can create stories with a custom description and a weight (story points), which are moved to the “Not Started” column. From there, users can move any story to any of the three columns to represent the progress of their task. Additionally, they can modify existing stories’ descriptions and/or points, and view a sprint backlog and burndown chart of all the stories on the board.

**Architectural design (a diagram and a discussion of design decisions):**



We decided to separate the views for the user into three individual parts, the SCRUM Board, Sprint Backlog, and Burndown Chart. All of the views relies upon the information contained in the user stories on the board, so our backend simply managed storing the relevant data on all the stories. Designing the views for the user seemed intuitive to us because the primary function of this application is the board, which will update across all users with any action taken. The backlog and the burndown chart conditionally update (ie, when a story is moved out of “Not Started” or moved into “Finished”), so we treat them as separate views, although they are all packaged into one GUI.

### Class diagrams for major components:



### User Stories:

## Scrum Board

Not Started / Backlog	In Progress	Finished	Burndown Chart
Story 49658 Cameron Pickard Change UI Colors Priority: 2	Story 78493 Hugh McGinley Finish Chip's Challenge key Priority: 9	Story 69067 Randy Krueger Drone Flight Patterns Priority: 6	<div>View</div>

Story ID:

Enter Story ID here...

Move to Not Started

Move to In Progress

Move to Finished

Modify

Delete

Name of User...	Description of story...	Priority level (1 - 10)...	Create User Story
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