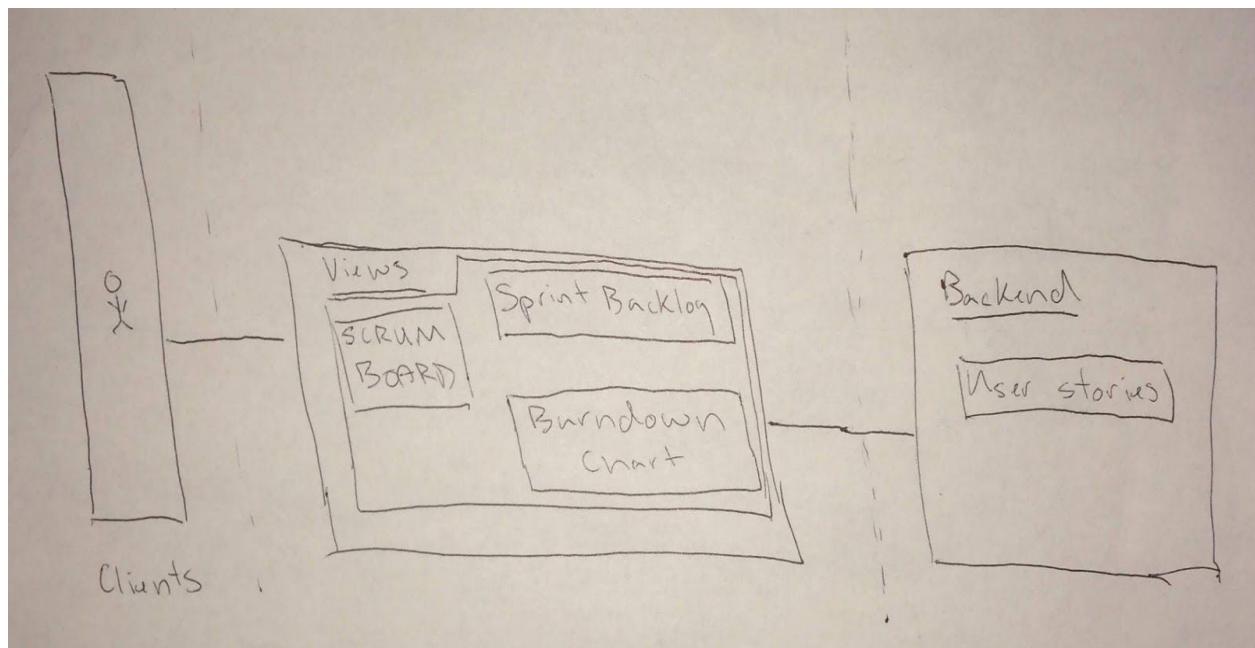


**Team name HRCC:** Cameron Pickard, Chris Wall, Randall Krueger, Hugh McGinley

**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:

