## **Spring 1 Backlog**

Product Owner: Jane Threefoot

## Pages:

- Create urls.py (5 min) Jane
- Base HTML Template (1 hr) Jane
  - Turn site design into base html (30 min)
  - Turn site design into base css (20 min)
  - Set up templating scheme (10 min)
- Login (45 min) Jane
  - o HTML/CSS (20 min)
  - View to render the page (10 min)
  - View to handle logging in and redirecting (15 min)
- Registration (1 hr 5 min) Jane
  - Registration form (15 min)
  - Set up user and player objects (10 min)
  - HTML/CSS (20 min)
  - View to render the page (10 min)
  - View to handle registration responses and redirecting (10 min)
- Main page (1 hr 5 min) Jane
  - o HTML/CSS (20 min)
  - View to render the page (20 min)
    - Includes logic for sorting the game listings
  - Make game action (15 min)
  - Join game action (10 min)
- Game page (50 min) Dillon
  - HTML/CSS (30 min)
  - Resign button (20 min)
  - when one player moves, update other player's display (5 min)
  - Make move action and jquery (20 min)
- Profile page (30 min) <u>Jane</u>
  - o HTML/CSS (20 min)
  - View to render the page and generate player info (10 min)
- About Tafl page (35 min) Jane
  - o HTML/CSS (10 min)
  - view to render the page (10 min)
  - o actual content write up (background and rules) (15 min)

## Actions:

- Make Game action (25 min) <u>Dillon</u>
  - o make game form (10 min)
    - selection for color
  - o game model (5 min)
  - o view create new game in db, redirect initiating player to game page (10 min)
- Move pieces legally (1hr 20 min) Dillon
  - send attempted coords to server (15 min)
  - check with Ruleset.isValid (20 min)
  - o if valid, update both players' boards, switch turns (20 min)
  - else error message to current player and let them try again (5 min)
  - o jquery to update the board (20 min)
- End Game action (25 min) Dillon
  - set game.winner to winning player and mark game as finished (15 min)
  - o return render of main page to both players (10 min)
- Resign (20 min) Dillon
  - js alert asking player "are you sure?" (5 min)
  - o if no, close alert window (5 min)
  - o if yes, call endGame view (10 min)
- Websockets (1 hr 10 min) Dillon
  - Set up ws4redis (30 min)
  - o Create interface for easy message passing (20 min)
  - o Implement client listener template (20 min)

Debugging: (1-2 hrs) - Jane and Dillon