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## Sprint 3 Plan: Heads Up Poker

Team name: Team Tilted  
Sprint 3 completion date: Nov. 17th  
Revision number 1  
Revision date: 11/4

**Goal:** Connect with another player and implement the proper order of events so players know when it's their turn and cards and bets can be handled appropriately.

**Stretch Goal:** Begin hand strength evaluation.

### Task listing, organized by user story:

1. As a user, I want to be able to join a game with another player so that I can connect with my friends.

**Task 1:** Generate List of Accounts (1hr)

**Task 2:** Connect players (3hrs)

**Task 3:** Create team firebase account (20min)

**Task 4:** Create game state object for firebase (2hrs)

Total for user story 1: 6 hours, 20 minutes

2. As a user, I want to be able to complete a game of poker against another player.

**Task 1:** Modify deal function to avoid repeat deals (1hr)

**Task 2:** Modify deal function to choose 9 cards at once (1hr)

**Task 3:** Create turn based algorithm to run through each step of a hand (5hrs)

**Task 4:** Be able to bet/win/lose and have the pot/stack adjusted accordingly (2hrs)

Total for user story 2: 9 hours

3. As a user I want to be able to determine the winner of a hand, and win or lose the pot

**Task 1:** Determine if I have a pair (1hr)

**Task 2:** Determine if I have 2 pairs (1hr)

**Task 3:** Determine if I have 3 of a kind (1hr)

**Task 4:** Determine if I have a straight (1hr)

**Task 5:** Determine if I have a flush (1hr)

**Task 6:** Determine if I have a full house (1hr)

**Task 7:** Determine if I have a straight flush (1hr)

Total for user story 3: 7 hours

- **Team roles:**

Hardwin Bui: Developer

Nick Henderson: Developer

Ryan McCrory: Product Owner, Developer

Ryan Watkins: Developer

Kenneth Yang: Developer, Scrum Master

- **Initial task assignment:** A listing of each team member, with their first user story and task assignment.

Hardwin Bui: US1 , Task 2 & 4

Nick Henderson: US2 , Task 1, 2, 3    US3 : Task 4, 5

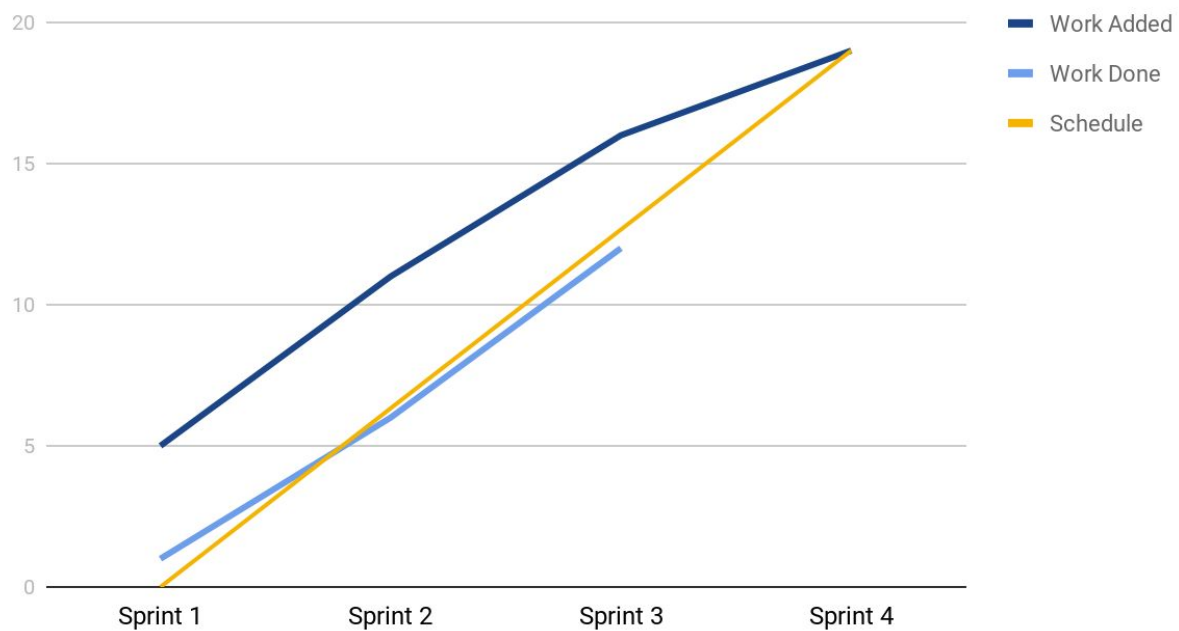
Ryan McCrory: US2 , Task 1, 2, 3    US3: Task 1, 2

Ryan Watkins: US1 , Task 1&3

Kenneth Yang: US3 , Task 3, 6, 7

**Initial burnup chart:** A graph giving the initial burnup chart for this sprint and is labeled as such with sprint number and project name and is located in the lab.

## Burn Up



**Sprint 3 scrum board:**

User Stories	Tasks not started	Tasks in progress	Tasks completed
1. As a user, I want to be able to join a game with another player so that I can connect with my friends.	1. Generate List of Accounts 2. Connect players 3. Create team firebase account 4. Create game state object for firebase		
2. As a user, I want to be able to complete a game of poker against another player.	1. Modify deal function to avoid repeat deals 2. Modify deal function to choose 9 cards at once 3. Create turn based algorithm to run through each step of a hand 4. Be able to bet/win/lose and have the pot/stack adjusted accordingly		
3. As a user I want to be able to determine the winner of a hand, and win or lose the pot	1. Determine if I have a pair 2. Determine if I have 2 pairs 3. Determine if I have 3 of a kind 4. Determine if I have a straight 5. Determine if I have a flush 6. Determine if I have a full house 7. Determine if I have a straight flush		

**Scrum times:**

1. Wednesday, November 6th (with TA)
2. Sunday, November 10th
3. Wednesday, November 13th (with TA)