

# Sprint 1 Plan

- Product name: Kitty War
- Team name: Dog & Koala Bear
- Sprint completion date: Oct 19, 2016
- Revision number: 1.2
- Revision date: Oct 19, 2016

## Goal

- Enable user account registration via both a website and iPhone app.
- Create working server that establishes communication to iPhone client and SQL database.

## User Stories

**As a back-end developer, I need a database to store user information and card data**

- (5) Research Django and MySQL
- (2) Configure SQL server
- (2) Configure Django server to process these requests
- Total Story Points: 9

**As a player, I want to register an account via a website**

- (3) Build basic website to handle registration
- (2) Store data into a database to track who has registered
- Total Story Points: 5

**As a player, I want to register an account via an iPhone app**

- (8) Build front end of iPhone app to accept registration
- (5) Configure django web server to accept registration requests and forward to database
- (2) Ensure protocol is working between django server and iPhone client
- Total Story Points: 15

**As a player, I want to log into a website and view my cards**

- (5) Build webpage to display all of this data
- (2) Enable authentication and appropriate setting on Django server
- (3) Build SQL model for card data
- Total Story Points: 10

**As a player, I want to log into an iPhone app and view my cards**

- (5) Build UI centered around signing in and displaying personal saved information
- (5) Ensure custom python server routes login data to database and authenticates the user

- Total Story Points: 10

### **As a player, I am matched against an opponent and put into a lobby**

- (5) Improve custom server to wait for connections using TCP and place connecting players into a lobby
- (5) Establish connection to the server from iPhone app
- (5) Ensure data is properly sent between client and server
- Total Story Points: 15

**Grand Total Story Points: 64**

## **Team roles**

- :bowtie: Hejia Su (iPhone & Backend Developer)
- :blush: Yueqiao Zhang (iPhone Developer)
- :smirk: Juan Gonzalez (Backend Developer)
- :sleeping: Eric Martinez (Backend Developer)

## **Initial Tasks**

### **Hejia Su**

**As a back-end developer, I need a user database to store user information and card a database to store card data**

- Configure SQL server
- Develop working SQL model for this information
- Configure Django server to process these requests

### **Yueqiao Zhang**

**As a player, I want to be able to register an account via an iPhone app**

- Build front end of iPhone app to accept registration
- Build protocol between iPhone app and server

### **Juan Gonzalez**

**As a player, I want to be able to register an account via an iPhone app**

- Configure custom python server to accept registration requests and forward to database

### **Eric Martinez**

**As a player, I want to be able to register an account via a website**

- Build basic website to handle registration
- Store data into a database to track who has registered

# Initial Burnup Chart



## Scrum Times

- Tuesday, Thursday, Friday
- Times: 1:00 pm - 2:00pm