

Sprint Plan 1

By the WinRate Development Team

Revision 1

October 18th, 2019

1 Goal

Have the Game Log and Statistics screens completed to a basic level of functionality, with UI.

2 User Stories

1. As a user, I must be able to add entries to the Log Table with ease, clarity, and convenience. *(8 story points, priority 1)*
 - Create Game Log Tab
 - Implement mySQL data table (back end for now). For now, only include columns for date, time, and a bool for win/lose (and perhaps opponent name)
 - Create a basic log entry form, to add new rows to the master table
2. As a user, I must be able to have the statistics easily available and always up-to-date. *(8 story points, priority 1)*
 - Create Statistics tab
 - Implement the ability to calculate global win rate from master table
 - Implement infographic generator. For now, just print the numerical percent win rate to the screen, and have a simple pie chart of win v loss
3. As a user, I must have the Game Log require as few manual information inputs as possible, automatically filling out as many columns of each log entry as possible. *(3 story points, priority 3)*
 - Have the log entry form automatically fill out date and time
 - Implement dummy 'select opponent profile' option on log form for future integration with contact book tab
4. As a user, I must be able to edit any row in the Log Table and have the statistics page remain accurate after changes are made. *(5 story points, priority 5)*
 - Implement a UI to visualize the master table
 - Give users the ability to tap on a grid in the table to edit its contents

3 Team Roles

Product Owner: Andrew Leamy

SCRUM Master: Arin Redd

4 Initial Task Assignments

Andrew Leamy:

- Integration of Firebase with app

Arin Redd:

- Creation of default page UI as well as app sidebar

Yuhao Deng:

- Implementation of locally stored table in JSON format

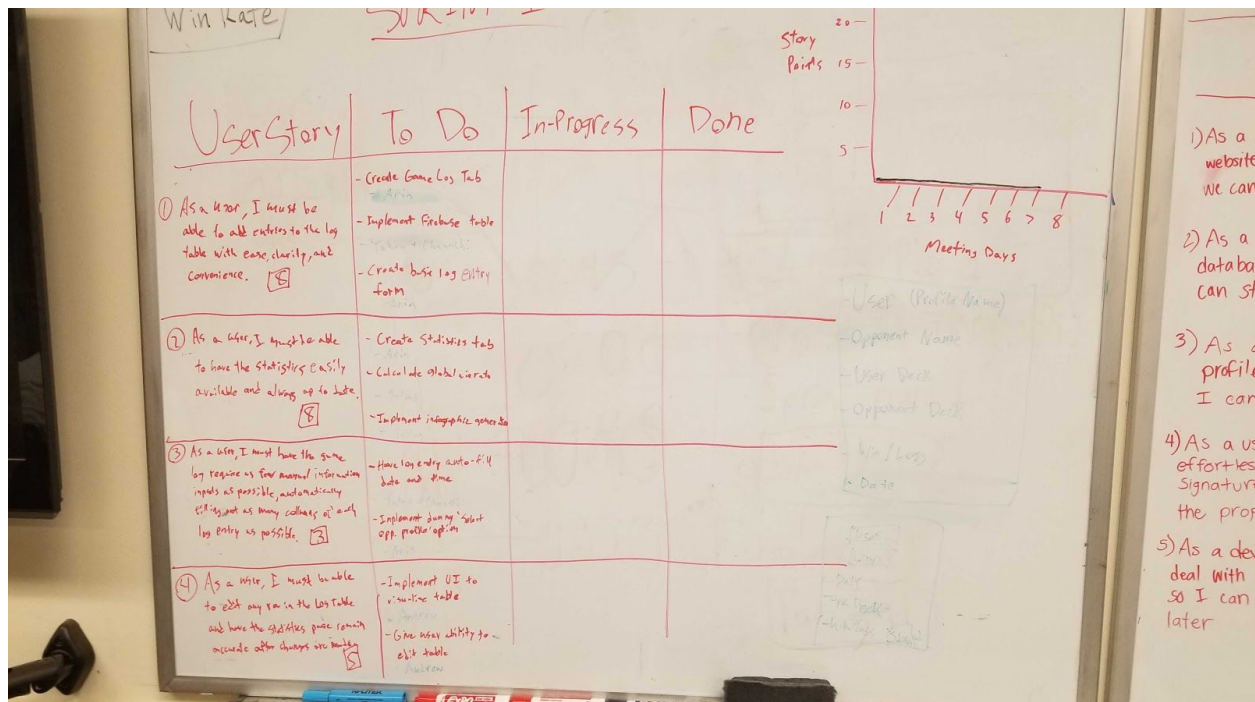
Chuanshi Zhu:

- Creation of Log Entry form UI

Julius Fan:

- Creation of Statistics page UI

5 Initial SCRUM Board



6 Scrum Times

M/W - 10:45 @Baskin 302

T/Th - 10:00 @Baskin 302