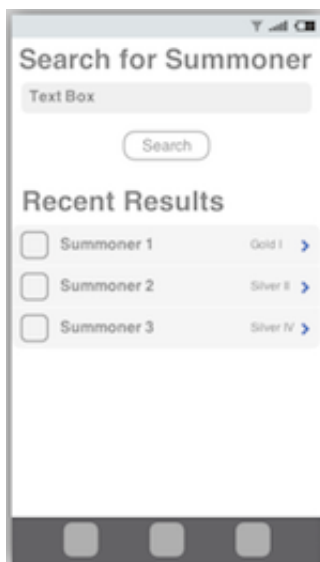# LoLStats Specification

Design Overview

The root view controller for LoLStats will be a UITabBarController with three tabs: Search, Watch List, and Compare. Search searches for a summoner by name, Watch List displays the user's watch list, and Compare compares the stats of two or more summoners. LoLStats makes use of the Riot Games API. The full API reference can be found at https://developer.riotgames.com/api/methods.
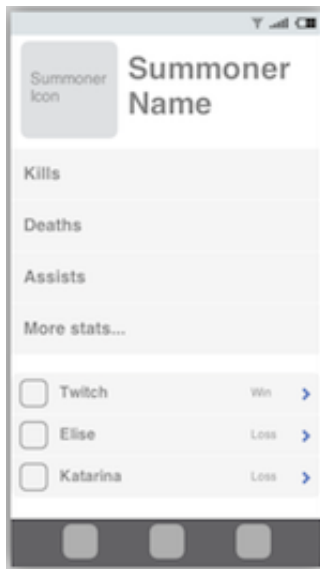

Design overview

Search

Search

Upon first opening LoLStats, the user is presented with the first tab, Search. The user can enter a summoner name to search for. If the summoner name exists, a summoner detail screen is displayed with an overview of the summoner's basic stats and a list of his/her recent games.
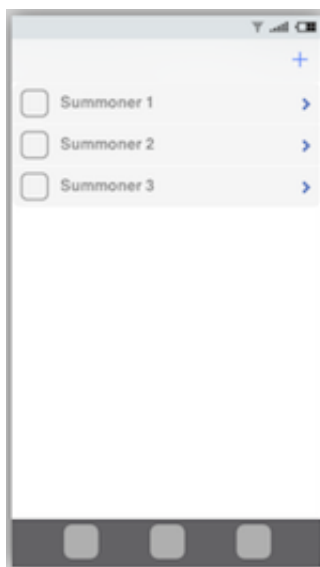

Summoner detail

Tapping any of the recent games will pull up the details of that match. The summoner's champion and his stats in the game will be displayed at the top of the screen. The other summoners and the champions that they used in the game will be displayed in a table below. Tapping any of the summoners will display that summoner's detail page as described above.

The search screen also lists recent search results below the search bar. Tapping any of the recent results will display the summoner's detail page.

Watch List

Watch List

The second tab is the Watch List, a list of summoners that the user is keeping track of. Tapping any of the

entries in the Watch List will display that summoner's detail page. The user can also add summoners to his Watch List by tapping the add button in the top right corner.

Compare

Compare

The final tab is Compare, which provides the user with the ability to compare the stats of two summoners. The user can enter the names of the summoners, and if the summoners both exist, a comparison detail screen will be displayed containing charts, graphs, and visualizations of how the two entered summoners compare.

Compare detail