PowerSpike Iteration plan

At a glance: Rough estimate of project timespan: 15 Months

Versions expected as complete publishable deliverables

(VP) – Prototype – working system which proves concept

(V1) – Version 1 – basic functionality of data recording/reporting

(V2) – Version 2 – complete functionality of data recording/reporting

(V3) – Version 3 – data organization and infrastructure

(V4) – Version 4 – expansion of project scope

(VP) – Prototype: ~2 Months

-Api Accessor for riot games’ developer apis

-Request processor for Api Accessor

-JSON interpreter

-Number of wins

-Number of losses

-Number of kills

-Number of deaths

-Number of assists

-Tab based GUI

-Windows desktop application

(V1) – Version 1: ~5 Months

-Damage dealt to champions

-Damage taken

-Number of turret plate's taken

-Number of first bloods

-Number of dying as first blood

-Number of trinket wards placed

-Number of control wards placed

-Compare against another specific player

-Compare against average player in similar elo

-Compare against max possible stats

-Contextualize all stats by game time

-Track stats of average, specific game, and cumulative

-View stats by individual champion

-View stats by role

-User profile overview tab

-Display most relevant data per role

-Display most relevant data per champion

-Produce user report.txt

(V2) – Version 2: ~ 5 Months

-Damage taken from turrets

-Number of recalls

-Number of trinket wards killed

-Number of control wards killed

-Number of health potions used

-Number of jungle monsters killed

-Number of jungle monsters stolen

-Number of dragons killed

-Number of dragons stolen

-Number of barons killed

-Number of barons stolen

-Number of rift heralds killed

-Number of rift heralds stolen

-Number of elder dragons killed

-Number of elder dragons stolen

-Time spent counter jungling

-Time spent roaming

-Champion mastery of specified champion

-Total Champion mastery

-Skill shots landed

-Skill shots missed

-Compare against average player in specific elo

-Compare against user from 1/3/6/12 months ago

-View stats by rank

-Utilize stats to calculate role “score”

(V3) – Version 3: ~3 Months

-Api Accessor for whatismymmr apis

-Database accessor

-View rough estimate of ranked mmr

-View rough estimate of normal mmr

-Graph all comparisons

-Record all data to spreadsheet/database

-Allow user to only record specified data

-Application accessible database

(V4) – Version 4: ~Unknown

-Mobile application

-Web application