Release Plan

Product name: QuickPick
Team name: DFS Optimizer team
Release name: 1.0
Release date: March 11, 2018
Revision number: 3
Revision date: March 11, 2018

High level goals:

- 1: Be able to produce optimized lineups for Daily Fantasy Sports
- 2: Be able to create lineup constraints for all usual settings present in DFS Optimizers
- 3: Be able to create non-trivial constraints based on user's own insights
- 4: Have a functional, easy-to-use user interface
- 5: Initial platform will be Windows compatible
- 6: Will be easily able to use for product testing
- 7: Use Github while managing project for continuous integration

User stories for release:

User story	Acceptance Criteria	High level goal	Priority	Difficulty	Sprint #
As a new user I want an intuitive GUI so I don't have to spend time learning a new tool	GUI is interactable	4, 6	1	13	1
As a person on the move, I want a non internet based tool so I can use it wherever I am	Desktop application made	5	1	0	1

As a DFS player I want a 'constraint' for the number of players selected so I can output actual lineups	Make function available	2	1	3	1
As a DFS player I want a 'constraint' for the sum of a column so I can limit the total cost of my team	Make function available	2	1	3	1
As a DFS player I want a "constraint" to pick an attribute(column) to maximize in order to output a lineup	Able to choose an input column/ optimizer is able to optimize based on that column	2, 3	1	8	2
As a DFS player I want an option to display names in a chosen column so that the output looks cleaner	Able to choose column where names are stored, and correct names are displayed	2	2	10	2

As a DFS player I want a 'constraint' for the number of unique values(really strings) in each column so I can limit the number of players in each position/team	The value for the constraint updates the number of players in each column and can be changed or updated as the user needs.	3	3	5	2
As a DFS player I want savable configurations so I can easily reuse my configurations multiple times	Able to save settings to save folder/files and load from save folder/files back into the variables in the code.	2	2	14	2
I want to be able to export as a permanent csv file so that I don't have to spend time manually creating one myself (right now it outputs as a temporary csv file)	When the user presses the export button and saves the file, the csv file is accurately saved to the location dictated by the user	1	2	5	3

As a user, I want the application to be appealing so I will want to look at it over and over again (make a (better(prettier) user interface)	When the group or test users are satisfied with the layout	4	5	3	3
As a developer, I want a well built application that has been thoroughly tested and debugged so that upon release, the application will have no bugs or issues	entire project runs without any known bugs or errors	4	5	14	3
As a DFS player I want preloaded configurations for different sports/DFS providers so I can quickly modify and use the tool	Have the settings broad enough that they accept different sport specifications.	2,4	5	14	3

Product backlog:

User story	Difficulty
As a user I want it to work across different OSs so that I can use it on different computers	21
As a user I want filters for which players to be allowed before the optimization process to use so that I can get rid of players unlikely to fit my criteria	21
As a modeler I want to be able to use regression so I can just use the GUI as an all in one	34
As a DFS player I want a 'constraint' for the number of times a certain row#(player) is selected so I can consolidate my risks	5