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 |