

Goals

Our goal for the third sprint was to improve the overall appearance of the application to ensure user friendliness. We also wanted to expand functionality by adding MLB to the list of sports the users could choose from, and the ability to save any lineup generated to the user specific data. Lastly, we wanted to improve the optimization process using player data pulled from an ESPN API.

Sprint Backlog

[Overall Total Time : ~95hr]

Design and Implementation [Total Time : 54]

- Backend [Done, ~21]
 - Get Fanduel slates [Done, ~4]
 - Get projections from an ESPN API [Done, ~4]
 - Update Fanduel costs [Done, ~4]
 - Update Fanduel and Draftkings projections using web scraping [Done, ~6]
 - Reformat to pair with front-end requests [Done, ~1]
 - Allow multiple lineups for each sport [Done, ~2]
- System User Interface [Done, ~33hr]
 - Save option to store lineups to user's account [Done, ~5hr]
 - "My lineups" page to retrieve any saved lineups. [Done, ~4hr]
 - Home Page to automatically populate optimized lineups for each sport [Done, ~3hr]
 - Save option to store lineups to user's account [Done, ~5hr]
 - Allow multiple lineups to be displayed upon generating 1-10 lineups. [Done, ~6hr]
 - Overall GUI cleanup [Done, ~10hr]

Testing and Demos [Total Time : ~6]

- 5 test cases for Sprint 3 [Done, ~6]
 - (2) Check Multiple Lineups: Validate multiple lineups can be received [Done, ~2]
 - (2) Check Spinner Visibility: Validate that upon one lineup being generated, only one spinner is made visible [Done ~1hr]
 - (1) Check for Next Activity: Verify that the Saved Lineups activity is started when the save button is clicked [Done, ~3hr]

Website [Done, ~2hr]

- Subpage of Project Deliverables [Done, ~1]

- Add all Presentations to the site
 - Add all source code
 - Generate .apk file and insert link into site
 - Add video link and embed
- Create demo video [Done, ~1]