Product Backlog (refined for end of sprint 3)

Task	Estimation	TODO	WIP	Completed	ID
As a user, I want to be able to select a match and see different representations of the match history. Estimation: 40 Priority: 2	1 hour			HTML and CSS JS - use inputs from key events to change between graphs and adapt data accordingly (pair programming)	1
As a user I want to be able to see key events in the match. Estimation: 20 (may remove) Priority: 3	20 minutes			HTML CSS JS - use API and react to changes in the match as it progresses (pair programming) Clean up the CSS.	2
As a user, I want to be able to view the location and time of the match in progress. Estimation:	10 minutes			HTML CSS JS - use data from API and backend (pair programming)	3

3 Priority: 2				Js - update the time along with location.	
As a user, I want to be able to change the statistic being measured (ie goals, red cards), so that I can find the player stats I want. Estimation: 3 Priority: 2	20 minutes			HTML CSS JS - use inputs to change/adapt on-screen representation.	4
As a user I want to be able to change the season of the stats. Estimation: 8 Priority: 3	50 minutes			HTML CSS JS - use inputs to change/adapt on-screen representation.	5
As a user I want to be able to select a stat mode (total or average or running-monthly-average) - average is dictated by a user input on a slider, specifying the games	1 hour and 20 minutes			HTML CSS JS- use the API and JS to change the graphs as the user selects a different team	6

that are being averaged. Estimation: 13 Priority: 2					
As a user I want to be able to select a player. Estimation: 1 Priority: 2	20 minutes			HTML CSS JS- using JS to update the graph with player stats accordingly.	7
As a user I want a table that has the top 10 players in the league for a selected stat Estimation: 1 Priority: 3	20 minutes			HTML CSS JS - using JS to format and present data	8
As a user, I want to input a period of time in the future to extrapolate relevant data. Estimation: 40 Priority: 4	4 hours	JS - use JS to create regression analysis and predict data in the period specified.		HTML CSS	9
As a user, I want to predict who will	4 hours	JS - use JS to create regression analysis		HTML CSS	10

score the most, who will get the most assists. Estimation: 40 Priority: 3		and predict data in the period specified.			
As a user, I want to predict the results of next year. Estimation: 20 Priority: 4	2 hours	JS - use JS to create regression analysis and predict data in the period specified.		HTML CSS	11
As a user I want to be able to change the chart type so that I get the right representation. Estimation: 13 Priority: 2	1 hour and 20 minutes			HTML CSS JS - Change the chart variable inside the chart object. If pie charts are also included as an option some data manipulation will be required	12
As a user I want to be able to select a team so that I can view their match history. Estimation: 13	2 hours			HTML CSS JS - using JS to update this season's match history and	13

Priority: 3				being able to use data from an API to display the team's entire match history across seasons.	
As a user, I want to be able to view the entire league table so that I know the standings Estimation: 5 Priority: 4	30 minutes			HTML CSS JS- Using JS to get the data from the API's and be able to present them in a table.	14
As a user, I want to be able to see my favourite team's upcoming matches so that I am updated. Estimation: 8 Priority: 5	1 hour and 20 minutes	JS - use localStorage to remember specified favourite team, and present data dynamically depending on API calls.			15
Learning how to use the chosen APIs Estimation: 5 Priority: 1	30 minutes			Study how to query data and what data is given back JS - spike code to test calls and provide information.	16
HTML navigation	30 minutes			When button is	17

Estimation: 5 Priority: 1				pressed navigate to the correct page JS - transferring data persistently after navigation (ties in with id 20)	
Get localStorage working for static data (topScorers) Estimation: 5 Priority: 1	50 minutes			Use JS to initially retrieve static data for the user and put into localStorage.	18
Deployment of Website Estimation: 5 Priority: 3	30 minutes	host website			19
Learn how to pass variables between pages Estimation: 3 Priority: 1	30 minutes			Create onclick event with navbar items and use localStorage to keep track of the currently selected league.	20
As a user I want to be able to select a team and see all their player stats	1 hour			HTML JS CSS	21

priority : 2					
Fix usability of charts in ‘statistics’ widget Priority: 1 NEW	30 mins			HTML/CSS	22
Design Improvements (application wide) Priority: 1 NEW	1 hour			HTML/CSS	23
Landing for specific league design improvement (options.html) priority: 1 NEW	1 hour			HTML/CSS	24
(REFACTORING) Create class for storing player data from different sports. This would greatly improve ease of access to data within player objects and	1-2 hours	JS			25

would reduce code reuse. Priority: 5 NEW					
Create a “placeholder” page for basketball and cricket sports. NEW	1 - 2 hours			HTML/CSS	29
Scale Statistics Widget to work with Basketball Priority: 3 NEW		JS - adapt existing code			26
Scale League Table Widget to work with Basketball Priority: 3 NEW		JS - adapt existing code			27
Scale Live Match Widget to work with Basketball Priority: 3 NEW		JS - adapt existing code			28

Sprint 3 (22/09/21 -> 13/10/21)

Sprint goal:

Scrum Master: Eric

Finalising the widgets for soccer and optimising / fixing features introduced in previous sprint

- Tasks 6, 9, 12, 13, 22, 23, 24, 28, 29 (in product backlog)

Task Allocations / Sprint Backlog:

Antony: tasks 6, 9, 12
Acceptance criteria: task 12 - the user should be able to select pie chart as an option and the graph should represent the data in a pie chart that is user readable (different coloured segments)
Acceptance criteria: task 6/9 - the user should be able to select a stat mode e.g. average, this should then show the average goals per game for the selected team for each season (ranging from 2016 - 2020). The graph should also extrapolate data, (predict the average goals) for the 5 seasons.

Eric: task 13

Acceptance Criteria: LeagueTable should be able to display at least the 5 past matches if possible during this season and display who won and lost and who was home or away. LeagueTable should also function for basketball.

Max: task 22, 23, 24 - can be found in PB (design adjustment / finalising)

Acceptance Criteria / DoD - task 22, 23, 24: Application design should be consistent, functional, responsive, aesthetically pleasing, and easy to use.

Mursal: task 23, help with live match widget (task 28), task 29 (in backlog) - “placeholder” page for basketball/cricket

Acceptance Criteria: app design should be consistent, functional, responsive, aesthetically pleasing and easy to use. LiveMatch design should be consistent with the rest of the pages, the page should be responsive and aesthetically pleasing. LiveMatch should also function for basketball. The “placeholder” page should match the colour scheme of the website and be responsive. It also should provide the user a way to get back to the home page and give the user a suitable message - saying that the current page is still being made/not completed..

Suryadeep: task 23,28 - can be found in Product Backlog.

Acceptance criteria / DoD - task 23,28: LiveMatch design should be consistent with rest of the pages, the page should be responsive and aesthetically pleasing. LiveMatch should also function for basketball.

Risk Management:

No identified risks were encountered over this sprint.
Risk monitoring strategies in place acted as preventative measures.
Risk Register was adhered to and monitored