Fantasy Super League

Football Club API by Tosin Jenkeo

Presentation Contents

Introduction

- **Tosin Jenkeo**
- Attempted to break down the specification:

- Into smaller and more manageable parts

  E.g.

- First task: to create a scrum board in Jira, to track my progress
- tosinjenkeo.atlassian.net

Concept

The goal is to make a fully functioning API, which can interact with a front end web page.

Initial Approach: The priority is the development of the API. Once that is complete, move onto the front end and deploy

The theme of the entities is Football Clubs. These are the entries.

Sprint Plan

- User Stories: As a... I want... so that....
- As a user, I want to be able to read the entries on the Super League (Clubs) list, so that I can decide whether the entries stay there or not.

- Tasks:
- Broken into 3 sections - Front End, Testing, and Documentation

- Expectations: to complete the API by Wednesday 14th, and finish the front end by Thursday 15th.

Consultant Journey - What I've learned

- Java
- JavaScript
- SpringBoot
- MySQL (a little)
- Post Man
- Git
- MySQL Workbench

CI

- Git was the version control system used to push my code to GitHub
- GitHub was used as the source control management for this project

Testing

- Testing the API caused some problems

- 2/6 of the JUnit testing came back with blue errors

- 4/6 of the JUnit tests were green.

Demonstration

- Using the following user story.

- As a user, I want to select the club 'Manchester City' and remove them from the Super League, so that I can replace them with another English club, Manchester United.
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Sprint Review and Retrospective

- Much of the tasks require from the scope were complete

- However, some key areas of the scope are missing in the project. Most noticeably the **front-end connectivity** to the API, and the Mockito and Integrated Testing

- In addition, **documentation** proved to be harder than initially expected
- Upon Reflection, I should have allowed myself more time to work on the tasks that I was less confident in completing. Better time management, being more realistic with the Jira board regarding the difficulty of tasks.
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Conclusions

To summarise,

- The API work went well
- The Postman testing was good
- Areas of improvement:
- Be smarter about bug fixes
- Use experience to manage time better
- Focus on front-end development
- Create a more in depth Jira board to begin with

Thank You

Any Questions?