Matt G's F1 database

Who am I?

- Graduated from University with a BSc in Business Information technology in 2006
- Unable to properly establish an IT career
- In 2013 switched my focus to helping the autistic community as a volunteer.
- Now looking to return to the industry
- Did things in a way that was logical to me but also taking into account lessons learned from Project 1.

Concept

- Recognised that I needed to be less rigid in my approach, but still play to my strengths as much as possible.
- Part of playing to my strengths was using a pre-existing interest of mine in Formula 1.
- Another part was realising that my strengths were more in the front end than the back end, so to get the front end fit for purpose as soon as possible – that way if things went wrong with the back end, I still had a project that wasn't completely hopeless.

Sprint plan

- First, set up project management board.
- Then make rough first start on front end.
- Then work on the back end enough so that the API is functioning.
- Then complete front end so that it’s fit for purpose.
- Set up and run back end tests.
- Work on documentation through the project rather than all in one go.
- Leave fatjar and presentation till the end.

Consultant journey

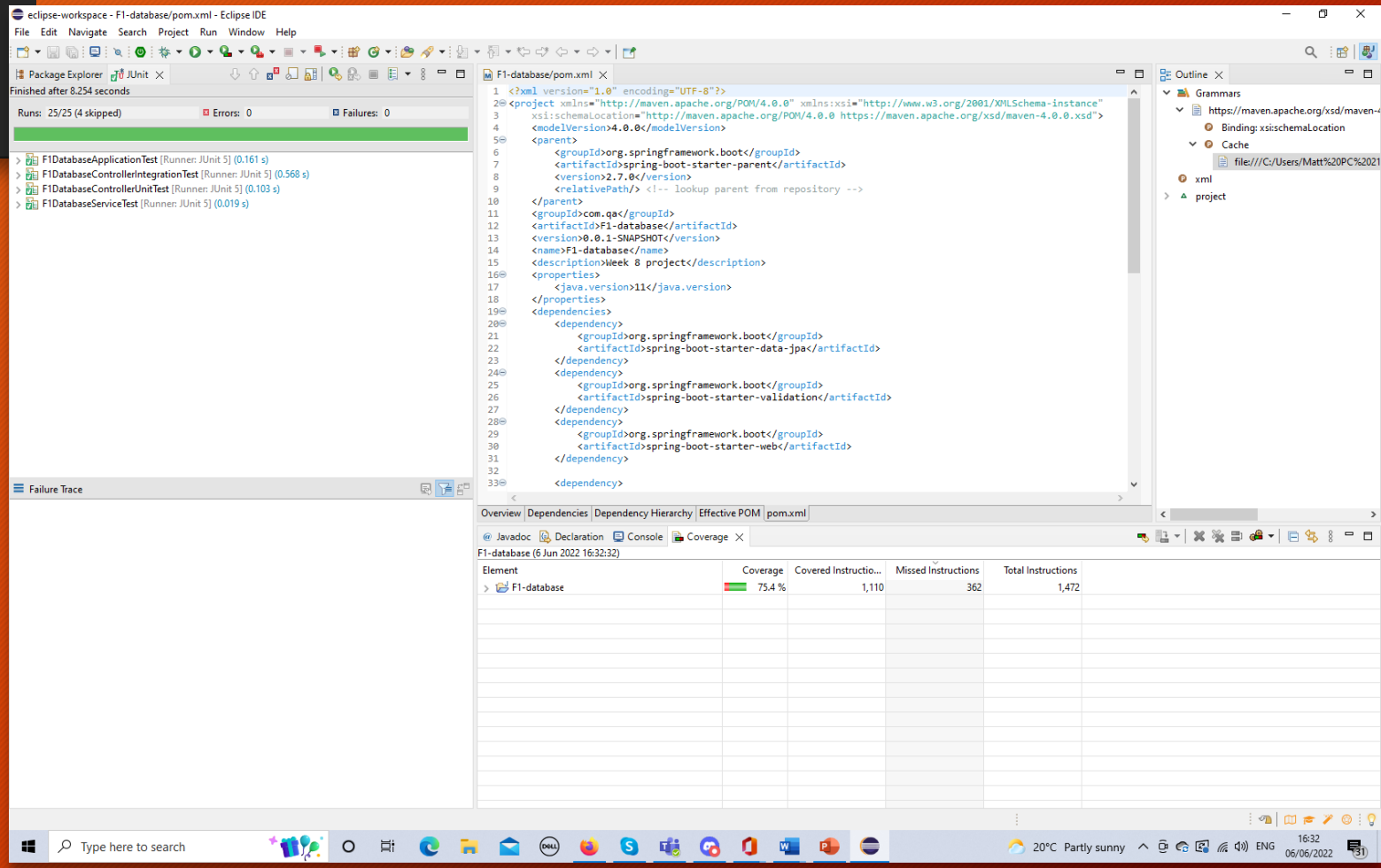
- VS Code(HTML, CSS, Javascript
- Eclipse(Java/Springboot)
- Jira(project management board)
- Github(Repository storage)

CI

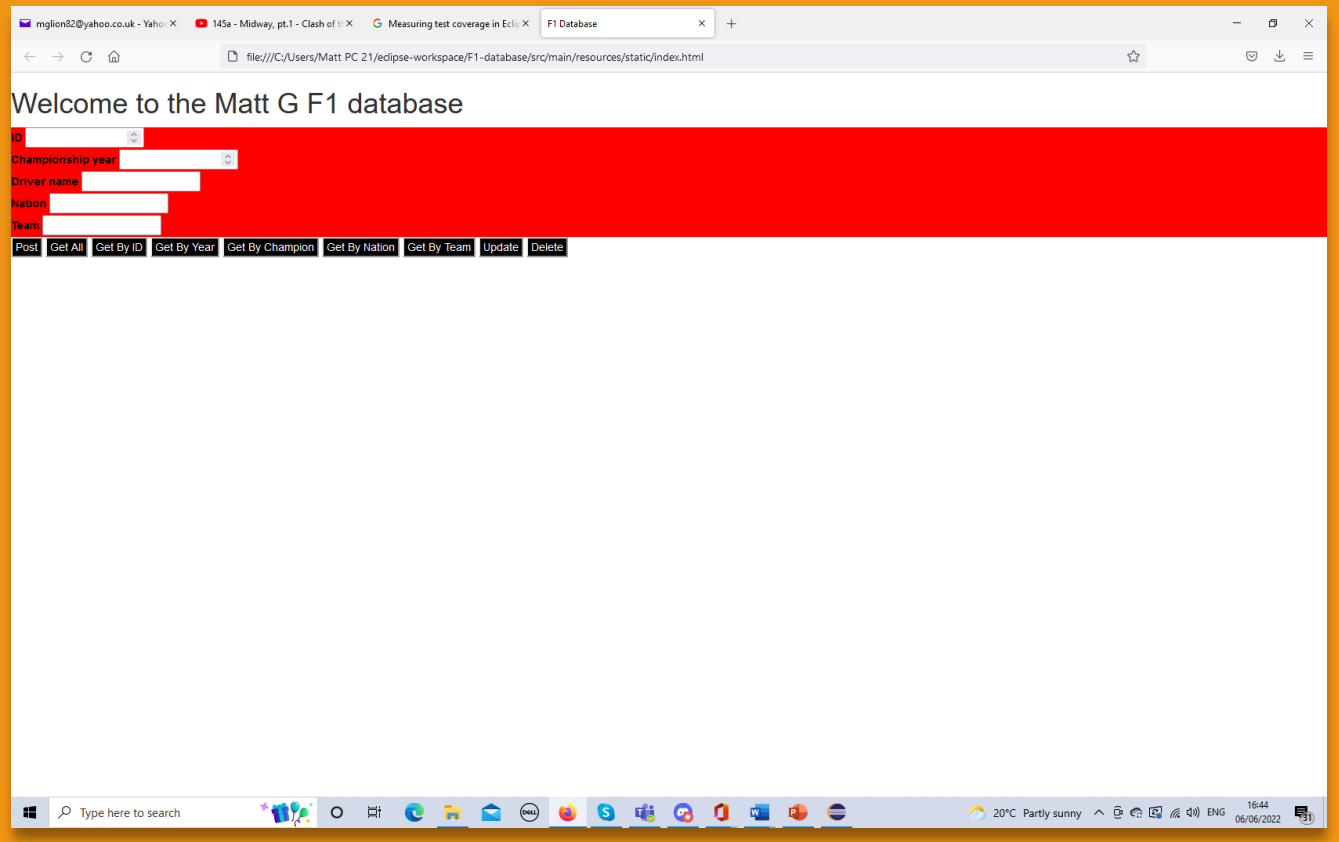
- Mainly stuck to main/master branch
- Had to merge master with main branch.
- Briefly set up a “calendar test” branch to experiment with some Javascript stuff – eventually deleted that branch though

Testing

- Not quite 80% but a lot better than my first project.



Demonstration Introduction

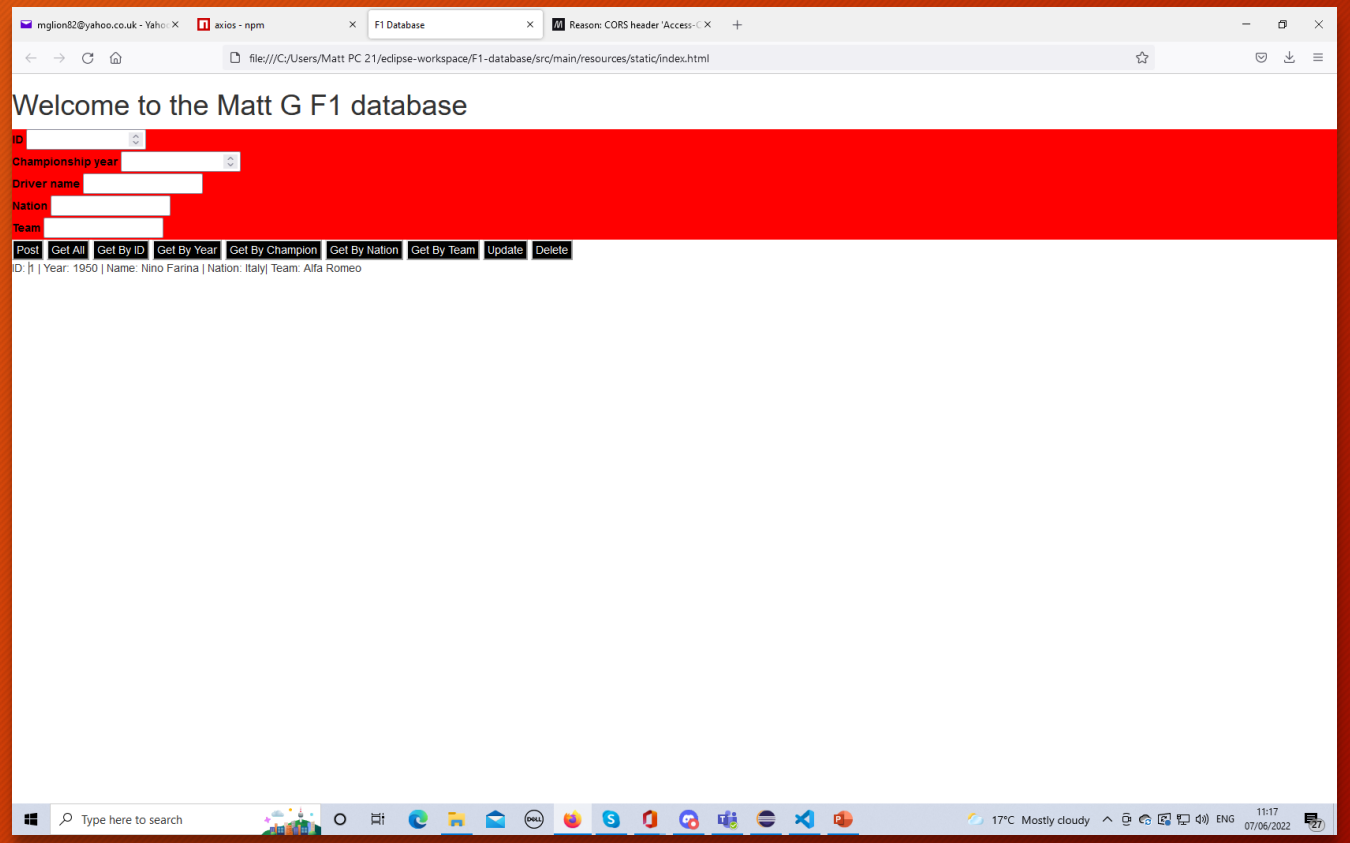


Front end features

- Buttons for all potential operations.
- Input fields for all potential values that the user may wish to enter or search for.
- Included ID field because even though that won't be on public display – this project wasn't made with a regular user in mind, rather an administrator of a database who is going to need to be able to search for entries by ID.

User story

- User enters an entry relating to the 1950 World champion.
- User presses “Get All” and the entry is displayed.



Sprint review

- Completed back end, HTML and CSS
- Completed fatjar, ERD, project management board and this presentation.
- Last minute Javascript glitches I wasn’t able to resolve in time.
- Wanted to include year picker and display flags – found Bootstrap classes for these features but couldn’t get them implanted in time.

Sprint retrospective

- Due to last minute issues still a failure but an improvement on project 1
- Could have double checked Javascript earlier – a lot of the issues I did manage to sort at the last minute I should have spotted earlier.

Conclusion

- Re-established my strengths and weaknesses.
- Don’t get complacent about anything.
- Still put a lot of effort in.
- Needed more help than expected

Questions?