Hobby Web Application

Gwendolen Old

Introduction

Race series management system



New Technologies

- Spring Boot
- Selenium
- Limited experience with JavaScript
- Linking html with Java

Version Control

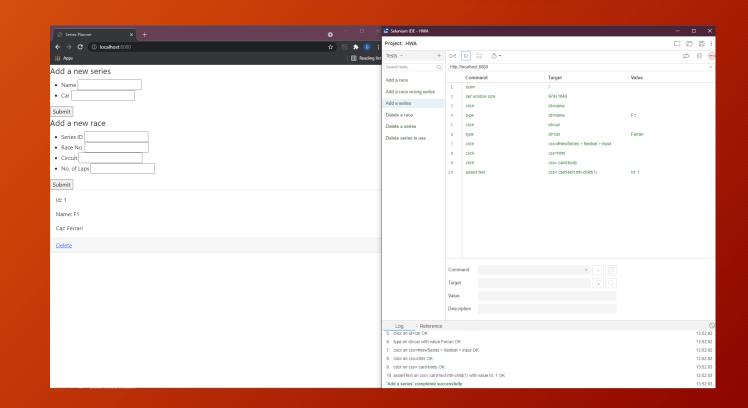
- Fluid branching
- More frequent pushes
- Confusing to follow

```
$ git log --graph --all --oneline
* 4b9c928 (HEAD -> main, origin/main, origin/HEAD, history, dev) built into .jar
file
* 455b10a (origin/test, test) Added Selenium testing
* c9ad746 (origin/createDelete, createDelete) added create and delete functional
ity to frontend
* 6001817 (origin/backend2, backend2) added Java backend
* d163c70 (origin/frontend, frontend) Added ability to create series to frontend
* 547ac0a (origin/backend, backend) added domains for series' and races
* 26d06f0 (origin/sql, sql) added sql schema
* 33f3f84 Initial commit
```

\$ git branch
 backend
 backend2
 createDelete
 dev
 frontend
* main
 sql
 test

Testing

- Selenium
- Exported to JUnit
- JUnit not running?



Jira

▼ Backlog (9 issues)	30
■ HWA-6 As a USER, I must be able to add series' to the database, specifying the cars and tracks they use BACKEND: CREATE A BACKEND US	4
HWA-9 As a USER, I must be able to see all series' in the database, with details BACKEND: CREATE A BACKEND US	2
HWA-10 As a USER, I must be able to update series with new/different cars/races BACKEND: CREATE A BACKEND US	6
HWA-13 As a USER, I must be able to delete series' from the database BACKEND: CREATE A BACKEND US	2
HWA-14 As a USER, I must be able to delete races from series' BACKEND: CREATE A BACKEND US	4
■ HWA-17 I need a table storing details of series DATABASE: CREATE A DATABASE U	1
HWA-19 I need a table storing which races are in each series DATABASE: CREATE A DATABASE U	1
■ HWA-20 I need a form to input series and race data FRONTEND: CREATE A FUNCTION	2
HWA-21 I need to able to navigate between series' to see the races in each FRONTEND: CREATE A FUNCTION	8

Demonstration

Sprint Review

- 🙂:
 - Working codebase with CRD functionality
 - Successful connections across frontend, backend and database
 - Effective tests created (although not implemented)
- 🙁
 - Unable to add update functionality
 - UI very basic
 - No error messages

Sprint Retrospective

- 🙂:
 - Picked up new technologies
 - Full functionality in backend
 - Adaptation to Spring Boot
- 🙁:
 - Ask for help!
 - Still unsure on how the technologies interact
 - Borrowed too much code from examples

Conclusion

