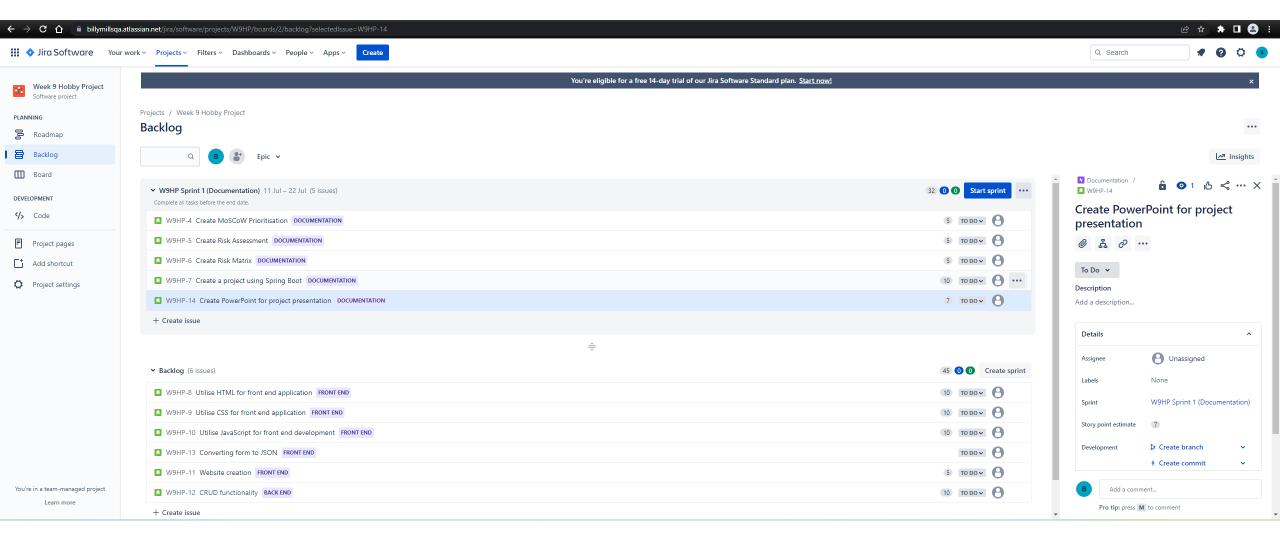
Week 9 Project Presentation

Character creator API

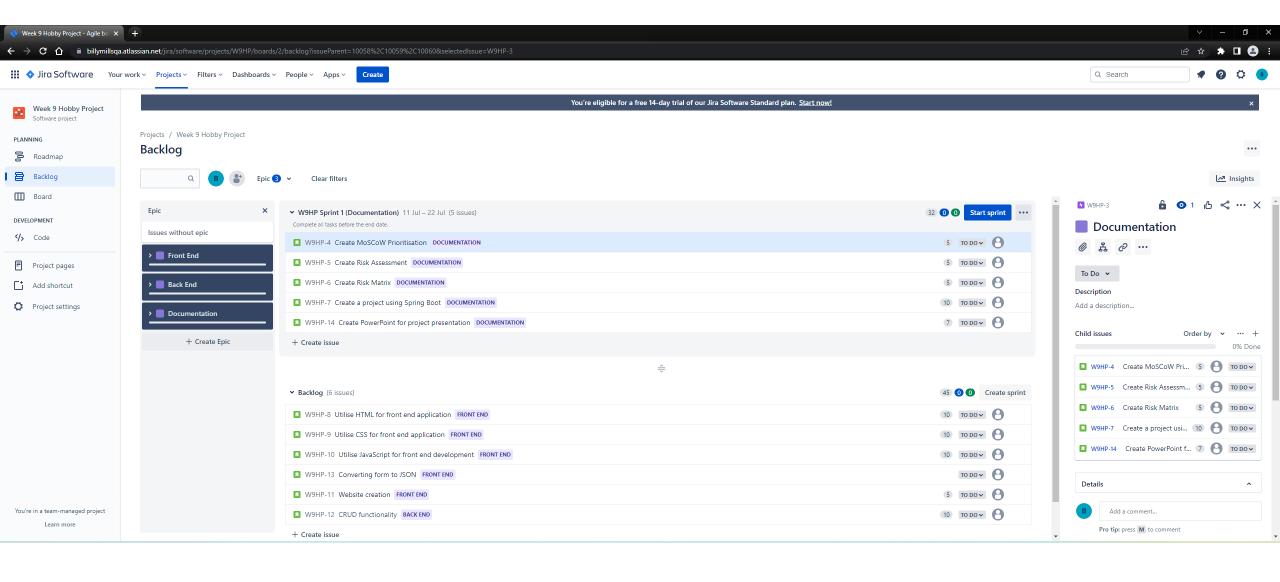
INTRODUCTION

• The purpose of this project was to create a functional application that allows you to create characters with CRUD functionality.

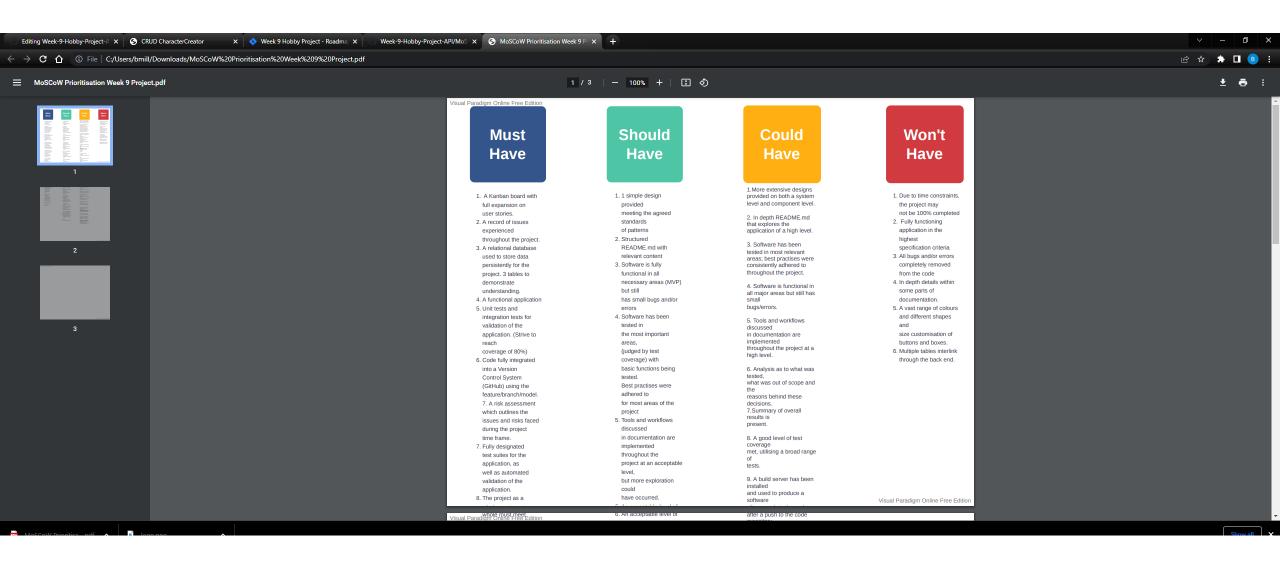
Created multiple epic's and user stories



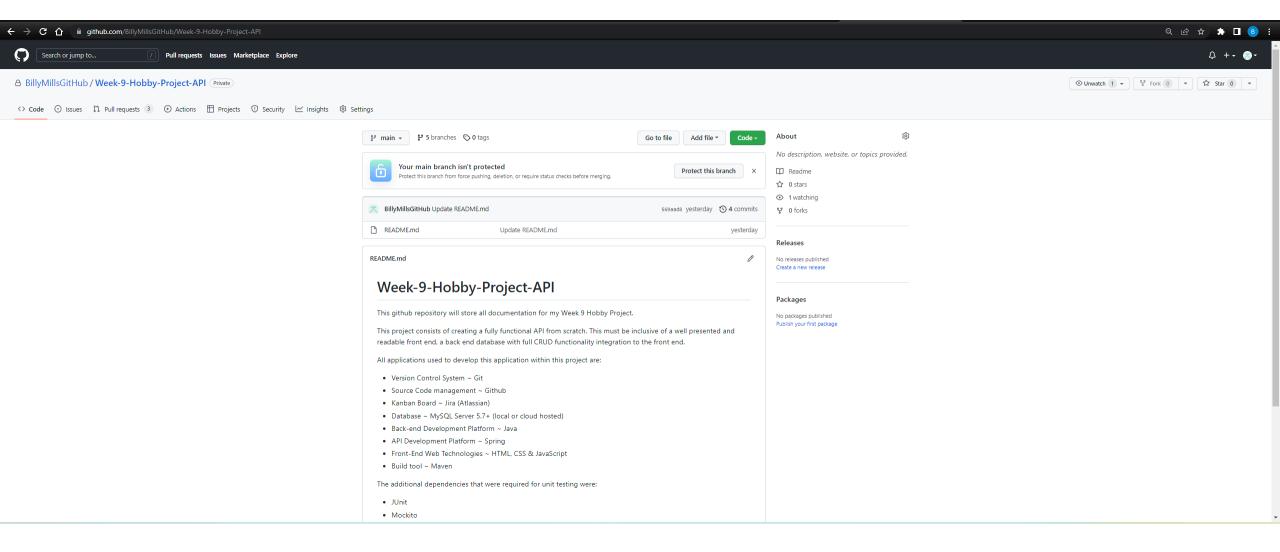
Preparing Jira board for sprints



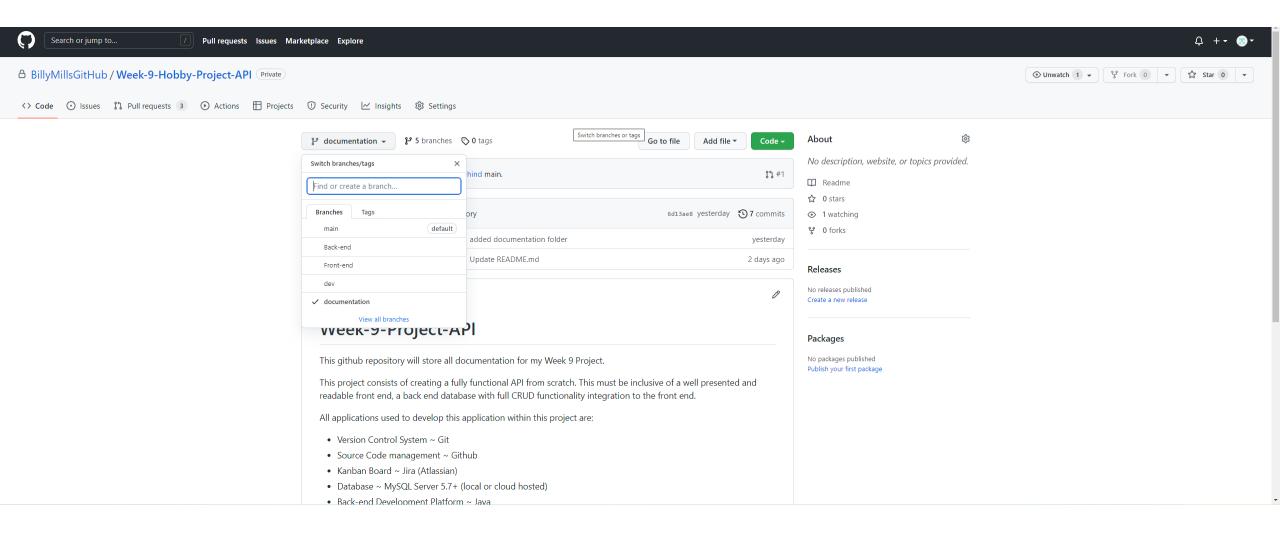
MoSCoW Prioritisation



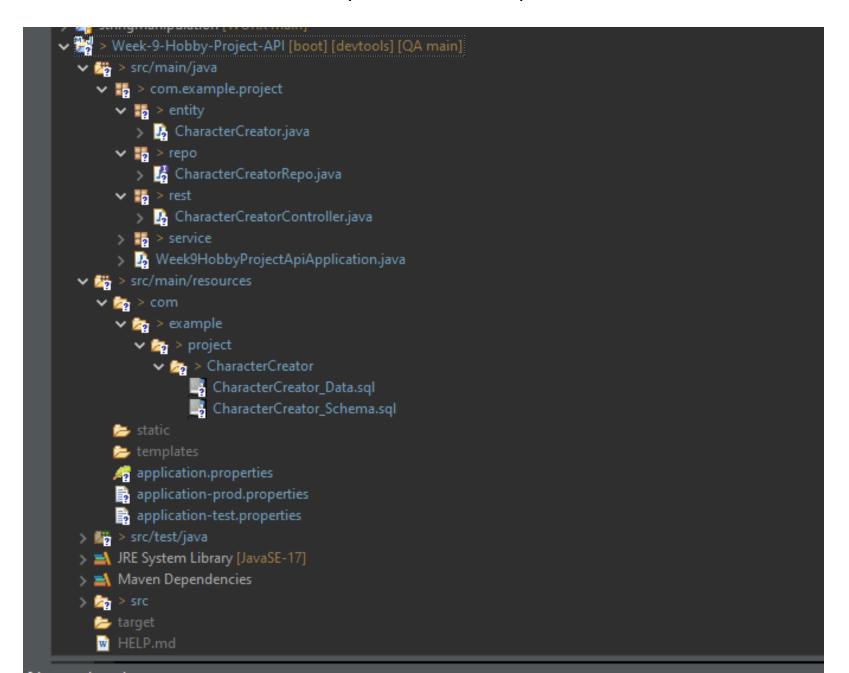
Began adding content to initial README.md



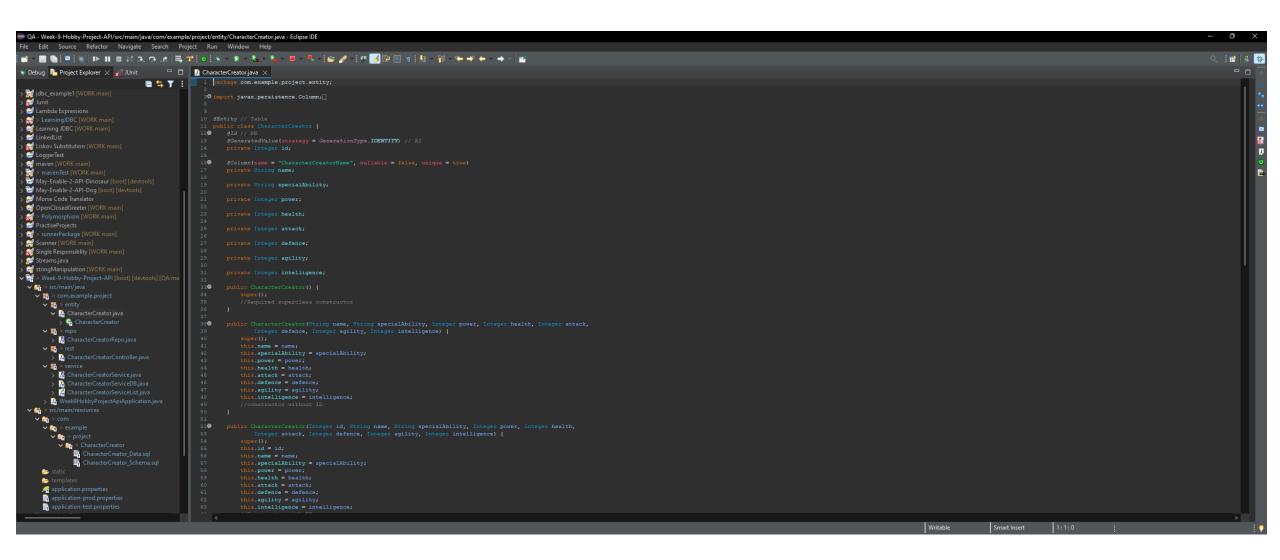
Example of all branches being developed on Github account



Created all classes required on Java Eclipse



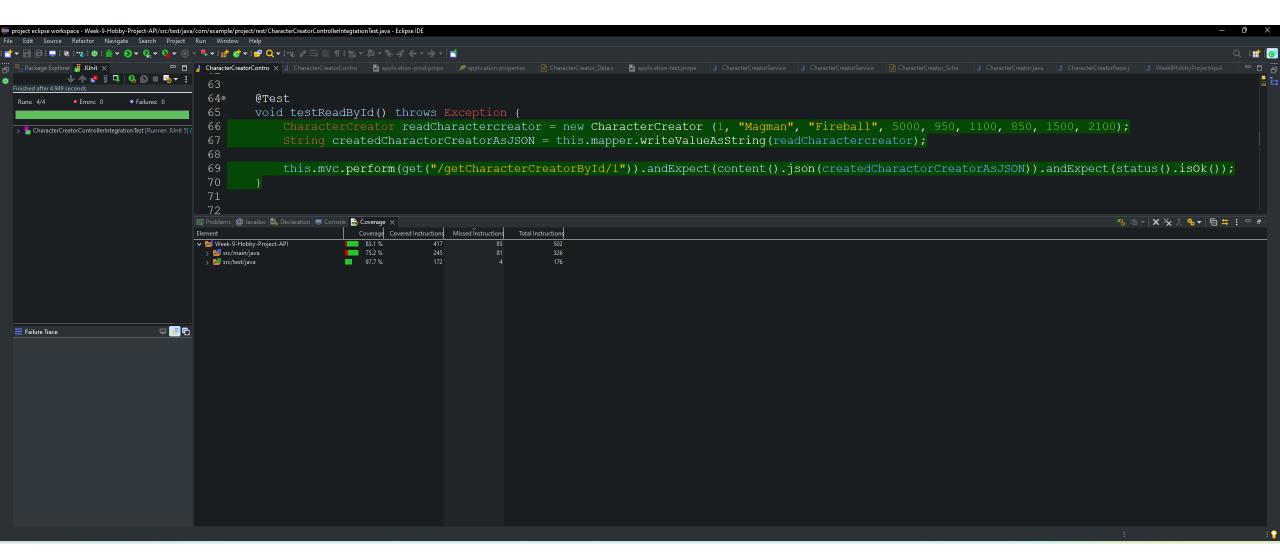
Class with all attributes



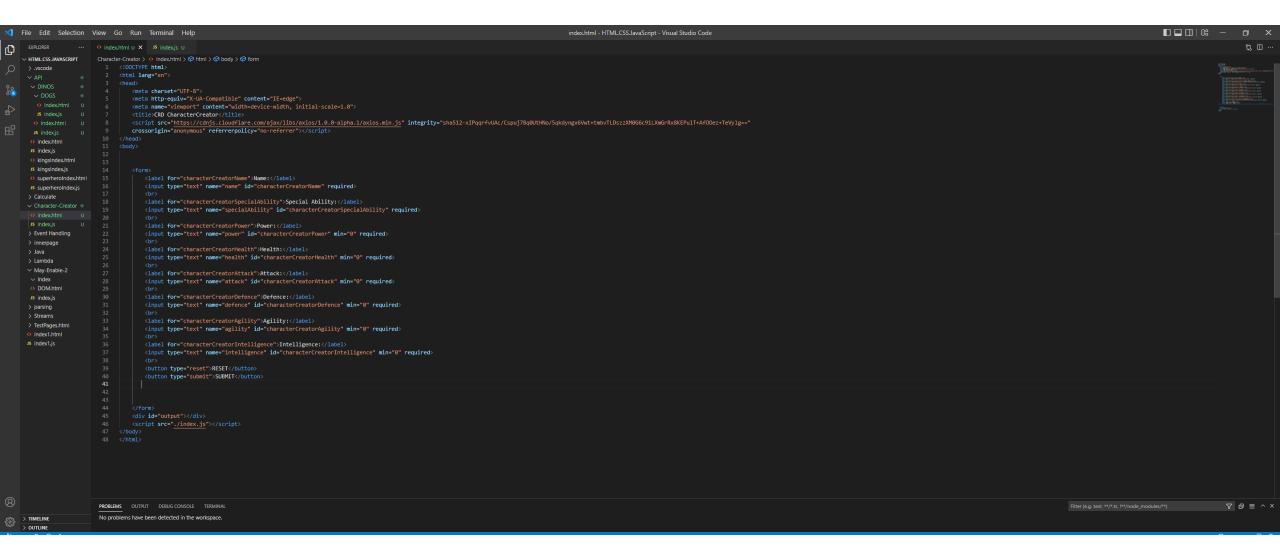
Controller class

```
🛑 QA - Week-9-Hobby-Project-API/src/main/java/com/example/project/rest/CharacterCreatorController.java - Eclipse IDE
File Edit Source Refactor Navigate Search Project Run Window Help
🗄 🔡 🎏 🎋
🐞 Debug 🖺 Project Explorer 🗶 📢 JUnit
                                                                       🗏 ≒ 🍸 🚦 🛅 🗓 CharacterCreator,java 🔃 CharacterCreatorRepo,java 👤 CharacterCreatorController.java 🗴
 > 🔐 jdbc_example1 [WORK main]
> 🚅 Junit
                                                                                              30 import java.util.List;
 📈 Lambda Expressions
 ▶ 🚟 > LearningJDBC [WORK main]
 📈 Learning JDBC [WORK main]
 LinkedList
 🖟 🚟 Liskov Substitution [WORK main]
 📈 LoggerTest
 > 🚟 maven [WORK main]
 May-Enable-2-API-Dinosaur [boot] [devtools]
                                                                                                   private CharacterCreatorService service; // dependency
 May-Enable-2-API-Dog [boot] [devtools]
 🖟 📈 Morse Code Translator
 🖟 🚟 OpenClosedGreeter [WORK main]
 🖟 🚟 > Polymorphism [WORK main]
 PractiseProjects
 🖟 🚟 > runnerPackage [WORK main]
 Scanner [WORK main]
 🖟 🥁 Single Responsiblity [WORK main]
 📈 Streams.java
 🖟 🚟 stringManipulation [WORK main]
➤ Week-9-Hobby-Project-API [boot] [devtools] [QA main]
 🗸 👺 > com.example.project
      🗸 🚟 > entity
        🗸 🫂 CharacterCreator.java
          > 🥞 CharacterCreator
      🗸 📅 > repo
        > 1/3 CharacterCreatorRepo.java
      🗸 🚟 > rest
        > 🛂 CharacterCreatorController.java
      🗸 📑 > service
        > 🎉 CharacterCreatorService.java
        > 🛂 CharacterCreatorServiceDB.java
         > A CharacterCreatorServiceList.java
      > 🛂 Week9HobbyProjectApiApplication.java
  🕶 🌇 > com
      🗸 🏣 > example
        🗸 🎼 > project
          🗸 涛 > CharacterCreator
              CharacterCreator_Data.sql
              👺 CharacterCreator_Schema.sql
      templates
      🚜 application.properties
      📑 application-prod.properties
      🗟 application-test.properties
   > 🎼 > src/test/java
```

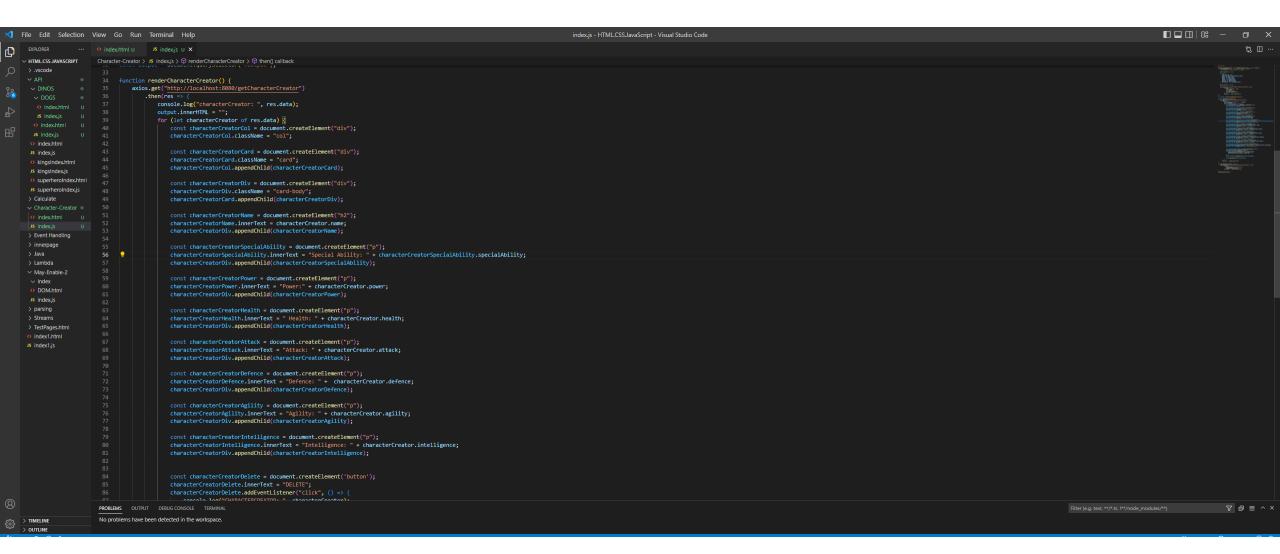
Testing with coverage of 75.2%



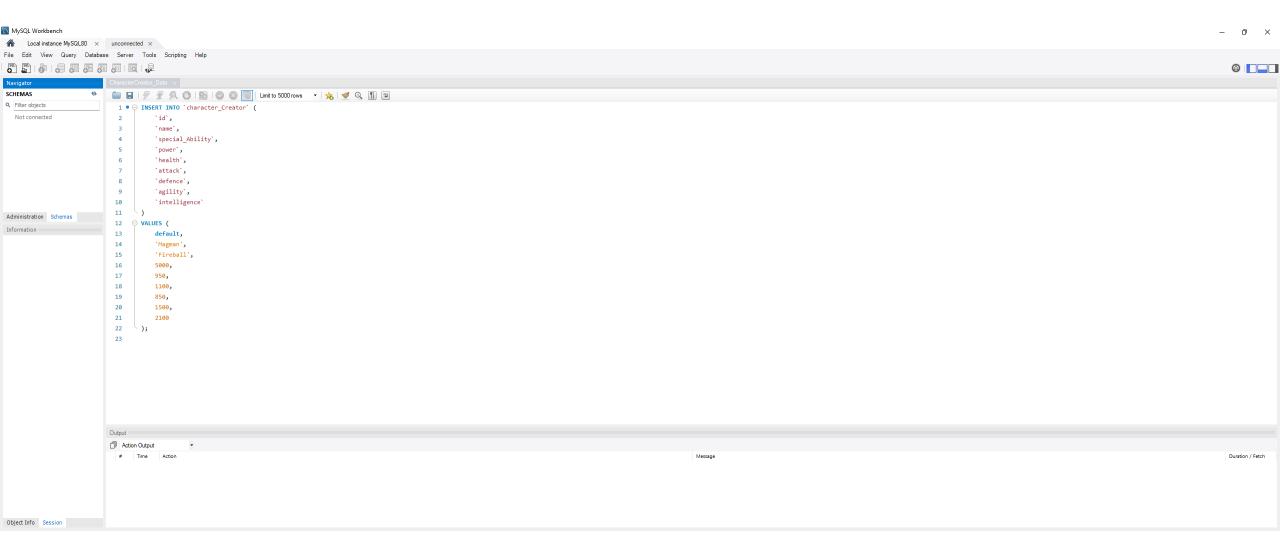
Front end styling in index.js



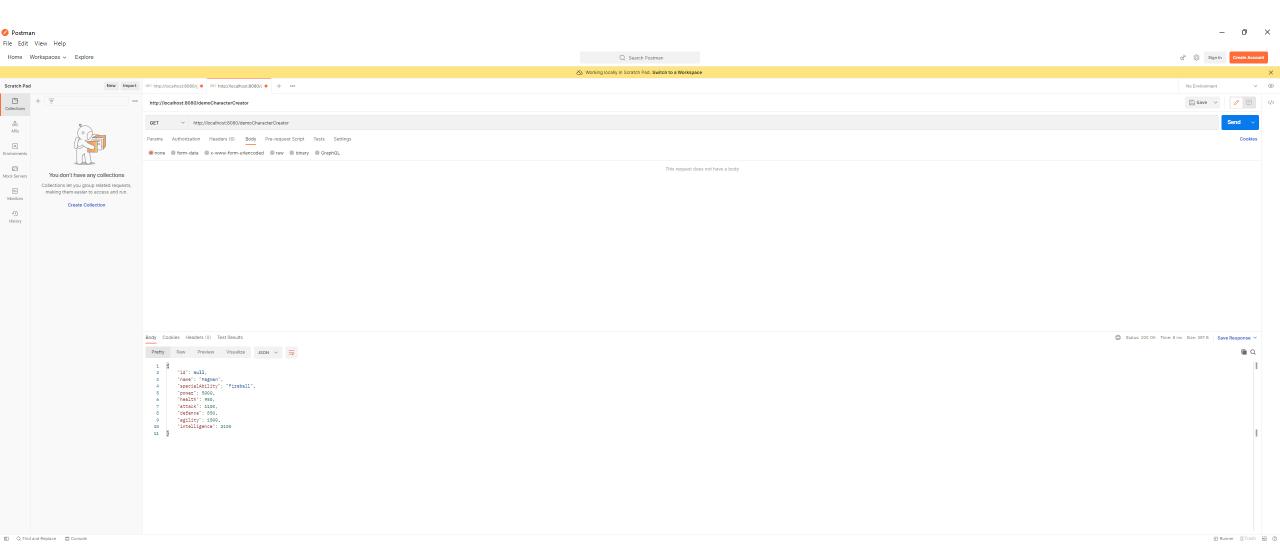
Front end index.html



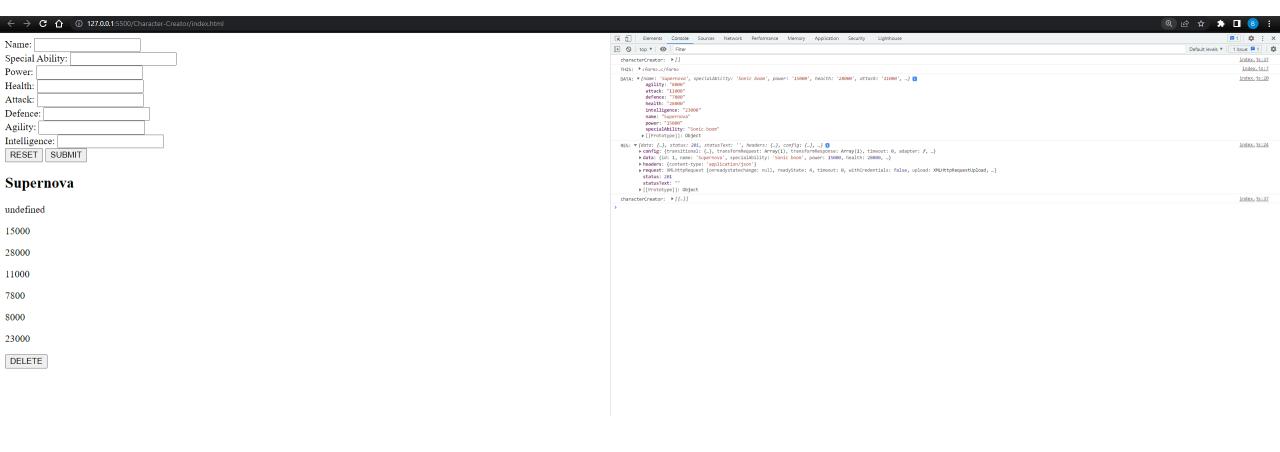
MySQL Data



Created on postman



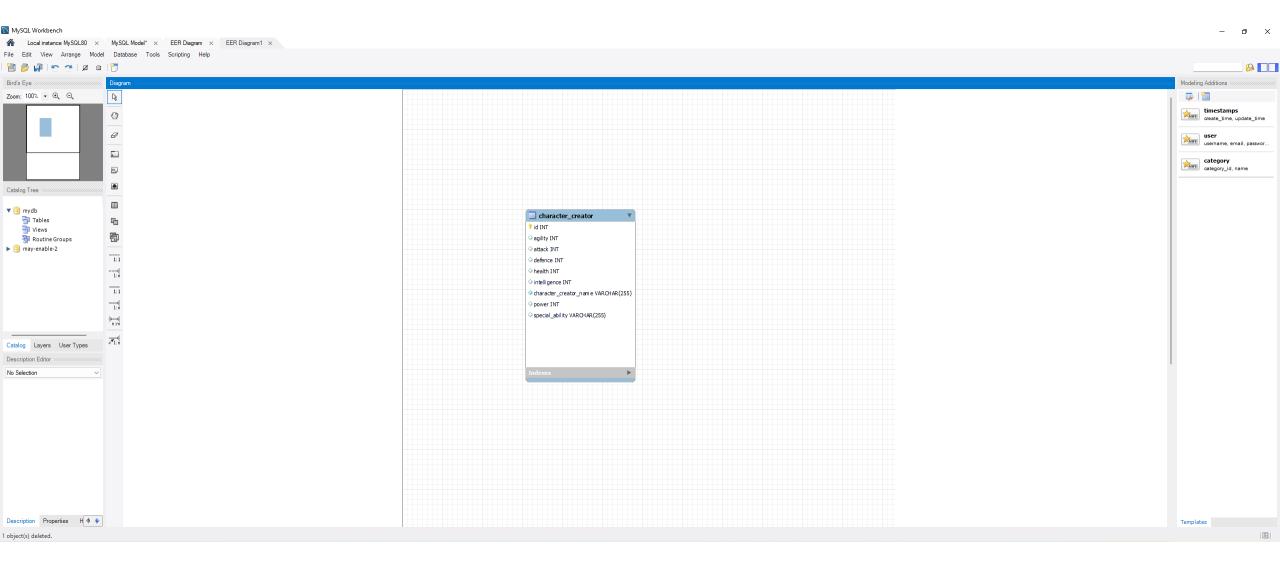
API before styling



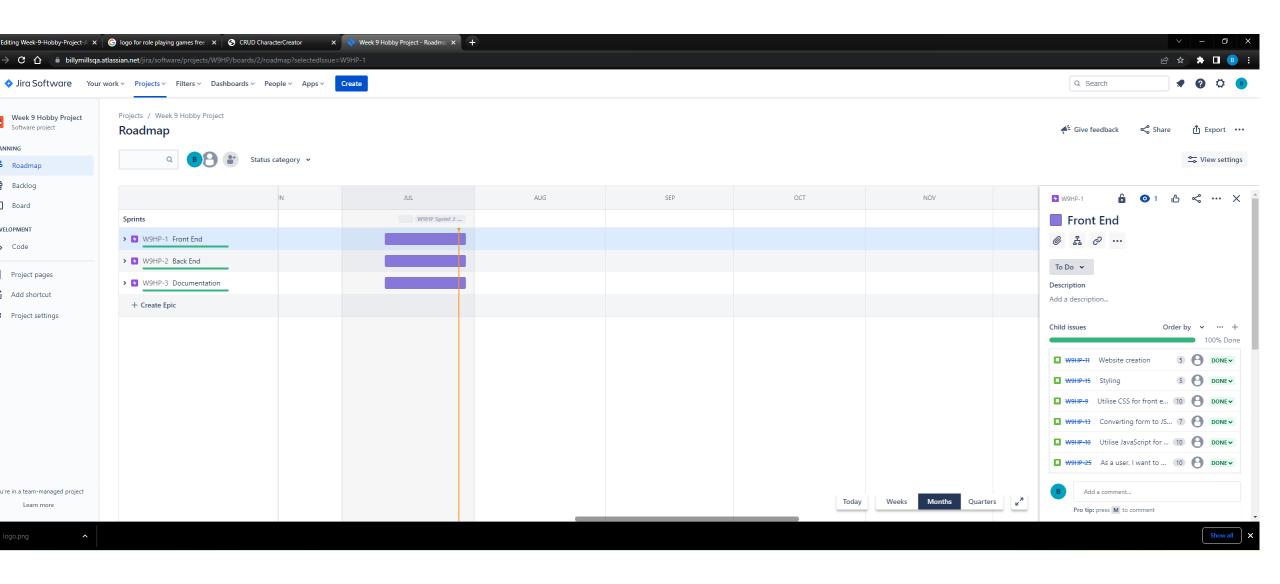
H2 Database with entity



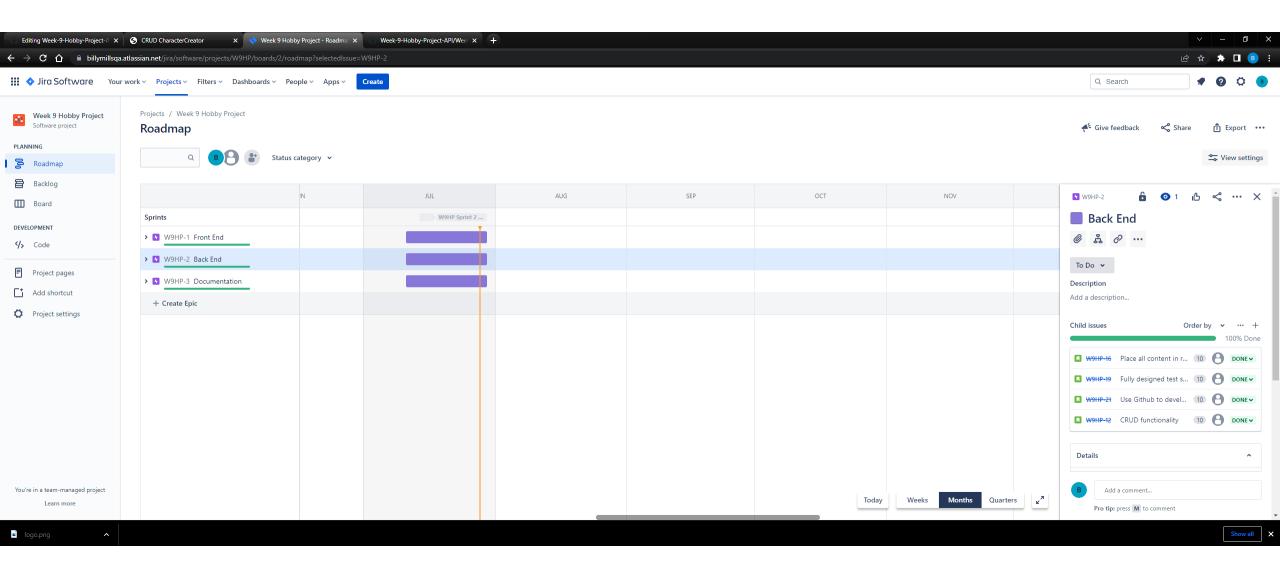
Initial ERD



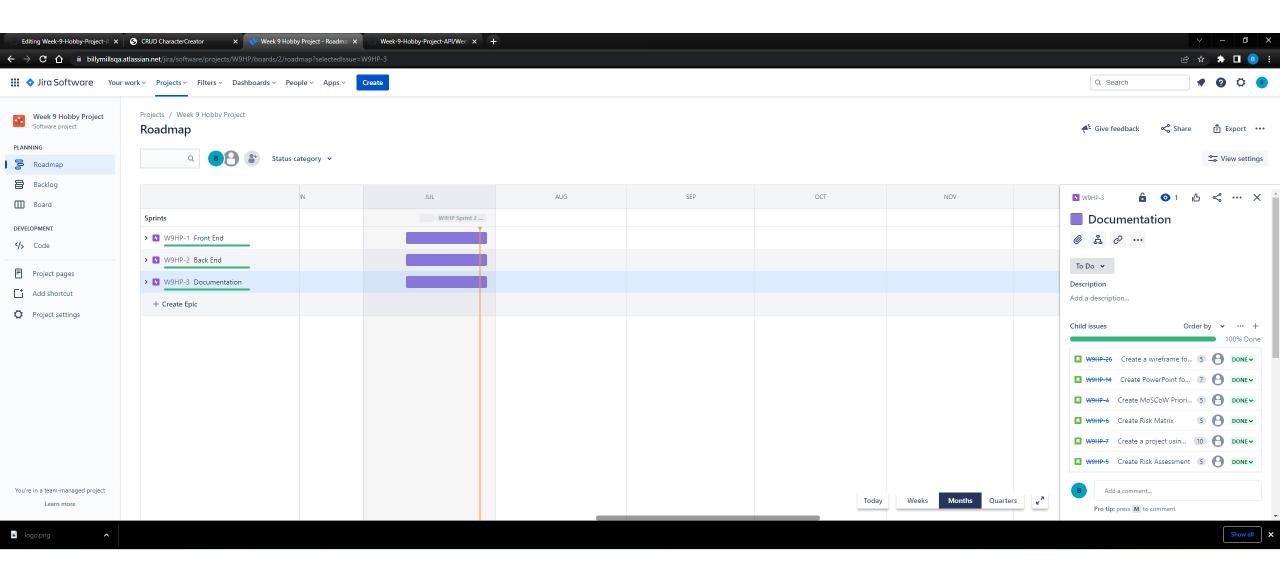
Completion of all sprints on Jira – Front End



Completion of all sprints on Jira – Back End



Completion of all sprints on Jira –Documentation



Final product

