BAE To-do List Project

By Brendan Woods

Introduction

Brendan Woods from London, 37 years old

- Professional Background
  - Retail Management 6 years
  - HR Operations 6 years
  - Career change
  - DevOps Dfe Oct'21

- Interests include
  - Tennis
  - Gaming
  - Sci-fi/Anime
  - Cooking and Travelling

The Concept / Approach

Tackling the Spec and My Approach

This was my first time experiencing these languages and the main technologies used for this project.

I first set out by doing a project plan of everything I had to cover as part of the project spec and tried to allocate time to each item over the sprint period of one week.

My initial approach was to tackle the project management element first using a Scrum Board to define the ‘actionables’ for the project.

This was then followed by setting up my VersionControlSystem (Git/GitHub) and SpringProject within Eclipse.

Once I had completed this I decided to work on my project chronologically to how I was taught over the last two weeks.

Meaning I decided to approach my Front-End, followed by Back-End, then Testing,

My approach didn’t go quite as expected and I had to revisit my Front-End as I had to link it with my API.

Sprint / Scrum Board using Jira

Scrum Board using Jira

- Created 4 Epics,

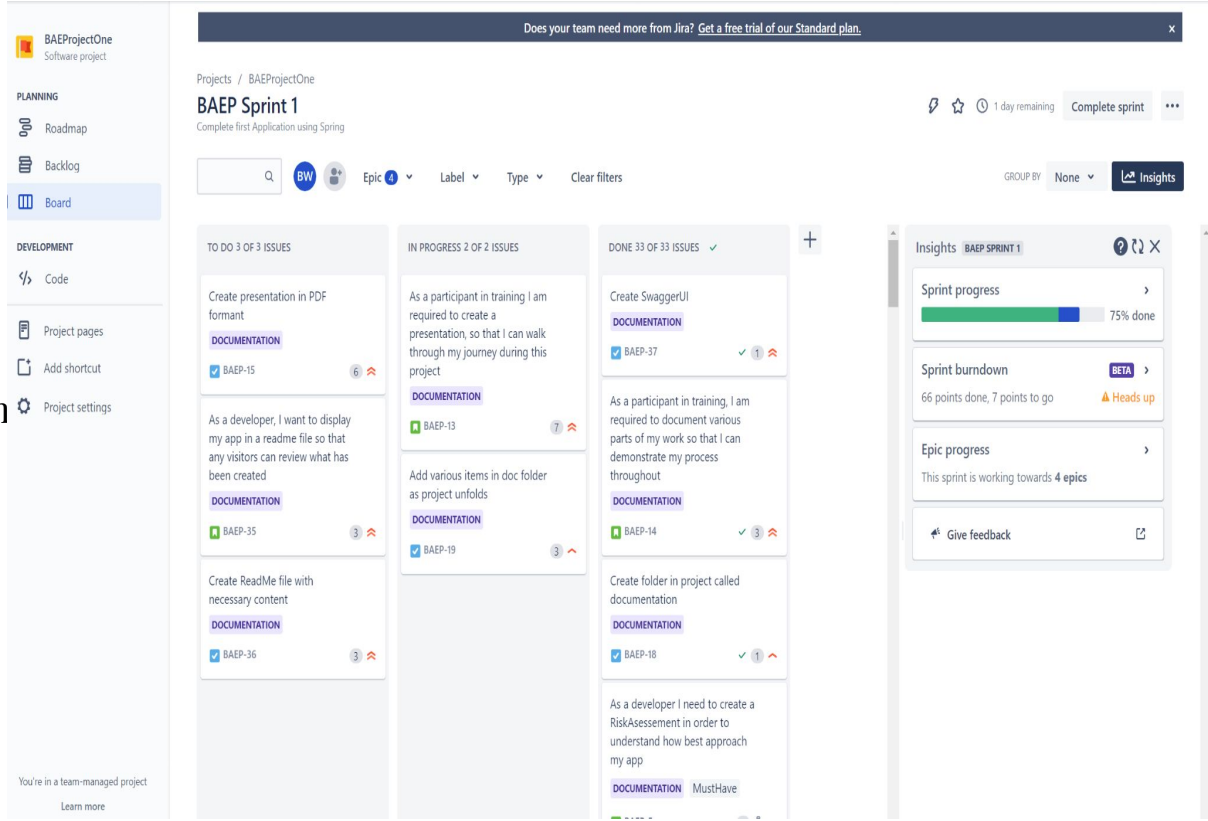
  Front-End, Back-End, Testing, Docs

- User Stories created for Consum and Developer

- Tasks created for Developer

- MoSCoW approach

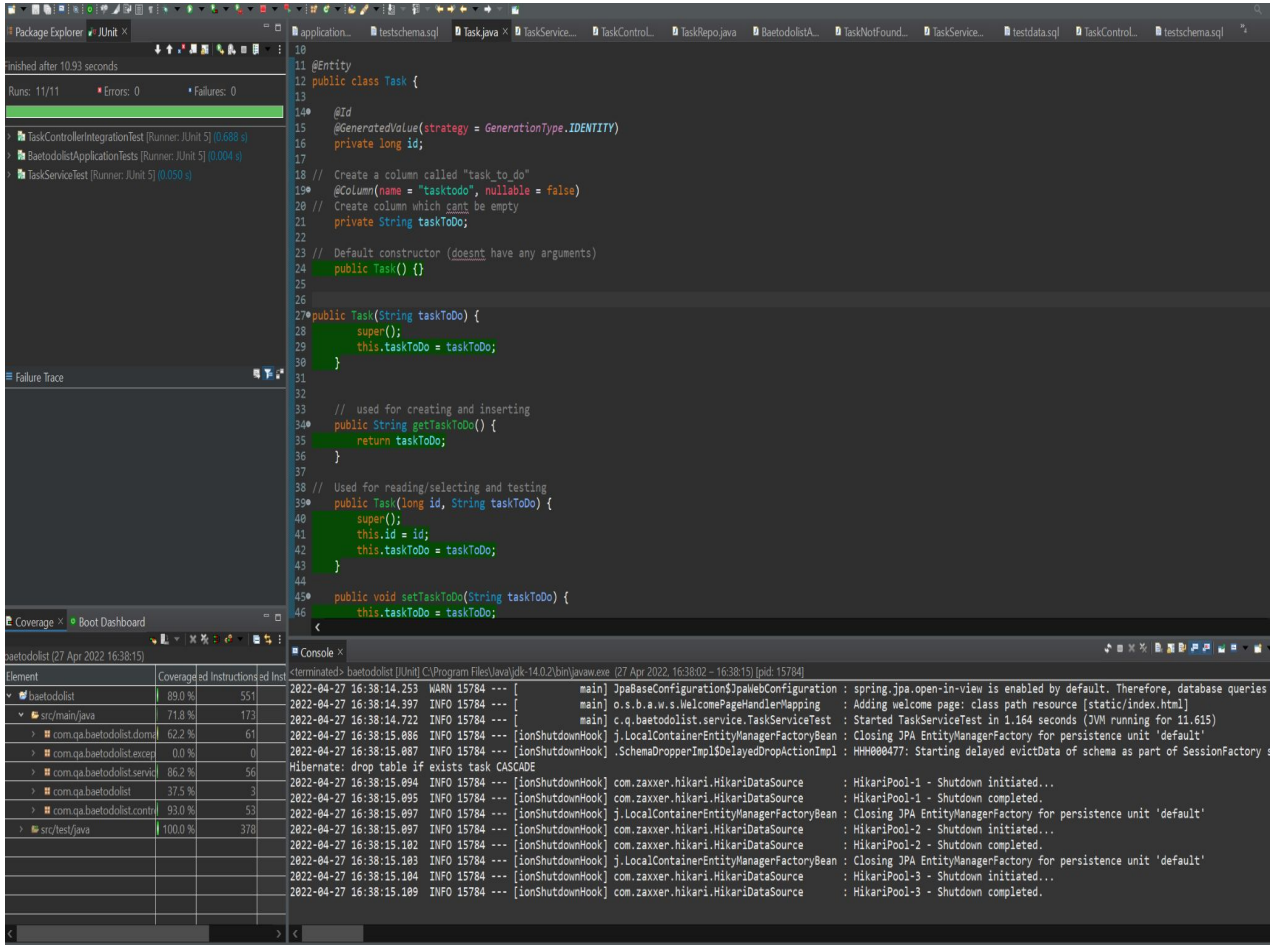
- User Story point given



Testing

Testing

- Mirror file location, dummy data
- Integration - for API when combined together (Controller - Service - Repo)
- Unit testing for testing code in isolation
- Coverage 71.8%



Consultant Journey


Visual Studio Code


eclipse


axios

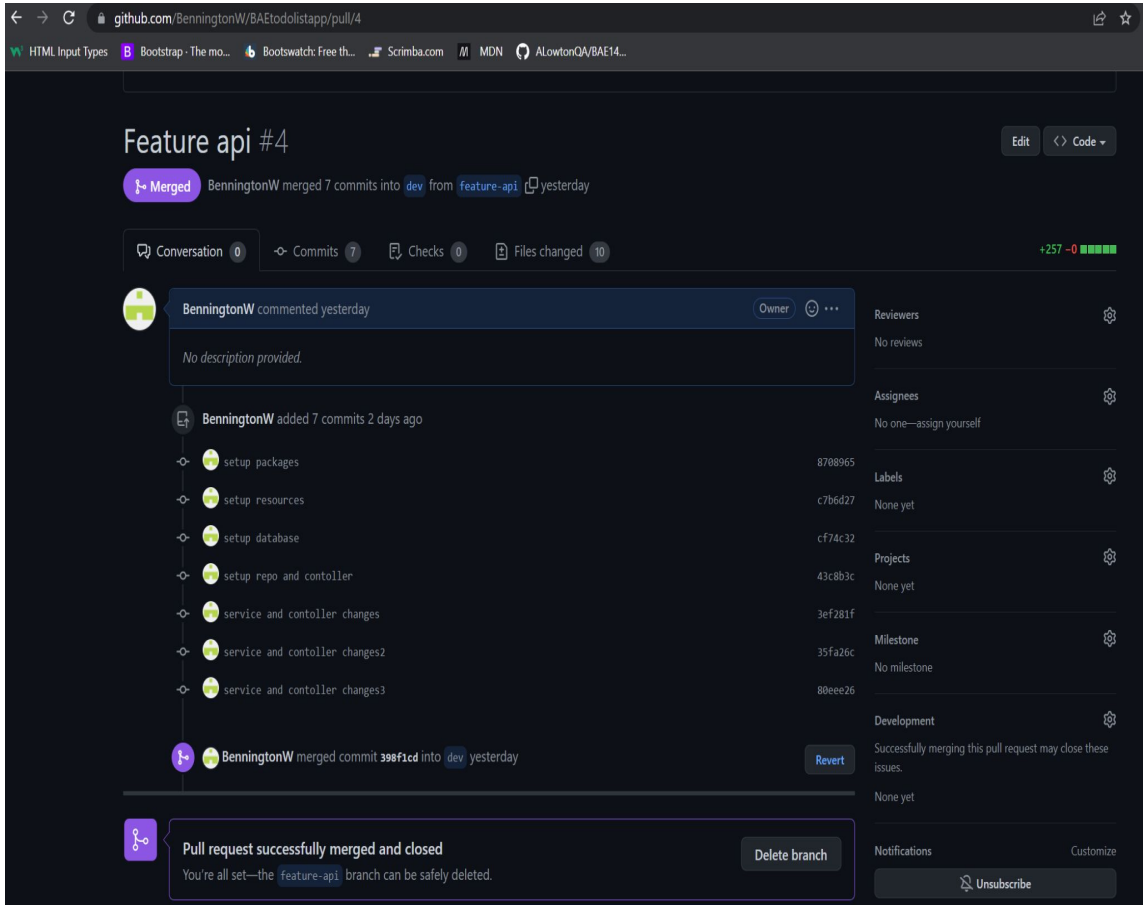

MySQL


Jira Software

Continuous Integration

Version Control

- Main > Dev > Feature
- Multiple commits per feature
- Merge then pull to Dev
- Create new Feature
- Repeat process
- Very end merge Dev to Main



My Reflection

What went well...

- Version Control, no issues however features could have been more granular
- Setting Up API, went quite smoothly, a couple of rooky errors
- Time management, although misjudged in a few areas I recovered well to get on track again.

VS

What could have gone better....

- Scrumboard - could have been more detailed and granular however I did not want to focus too much time considering the scope of project
- Front-End, more specifically JS. Very little experience and felt like I needed more time to learn the language before going into the project. I will continue with Scrimba and other learning materials to better grasp this language.
- Approach to project. I think I would have left the Front-End until last and focus on getting the Back-End in place first and would have allocated more time for the completion of this. I also didn't factor in linking my webpage to the API which took a considerable amount of time.