

TD Project

By George Whyte

Agenda

- Technologies used
- Set up
- Approach to GIT
- Development
- Testing Phase
- Sprint Review
- Sprint retrospective

Technologies used

GitHub

Jira

MySQL

Java (Eclipse IDE)

CSS, HTML and Java Script in Visual Studio Code

Spring Boot

Maven

Junit

SonarQube(Should but couldn't)

Set up

Look at the Brief

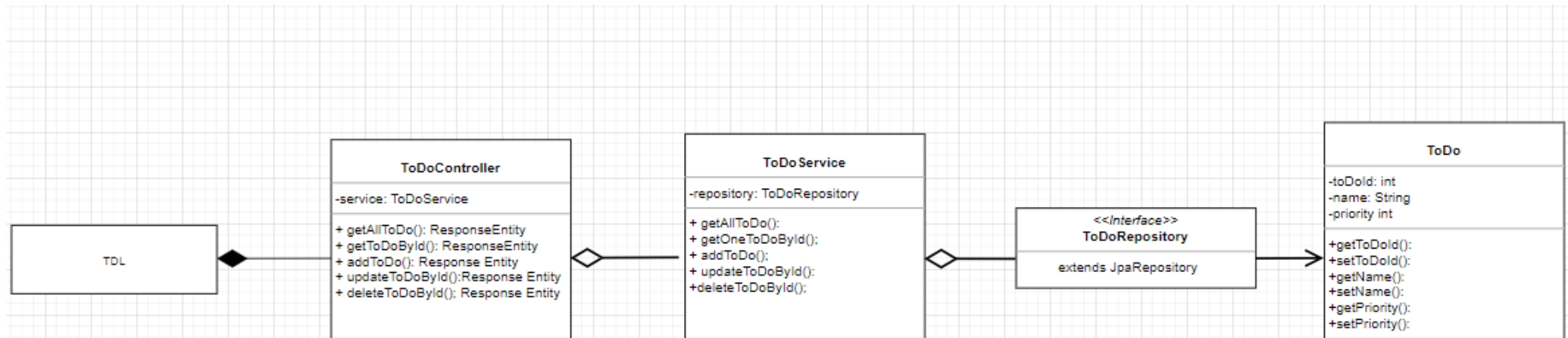
Create UML and ER diagram

Risk Assessment

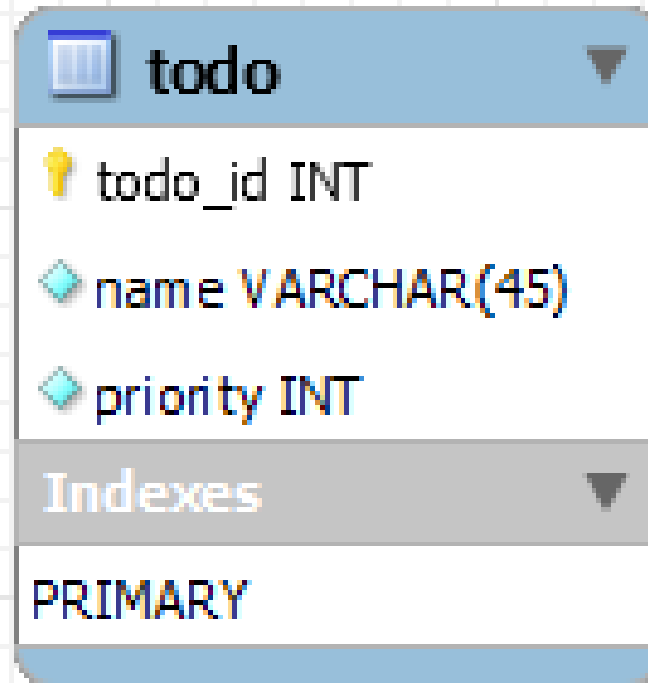
Jira

UML

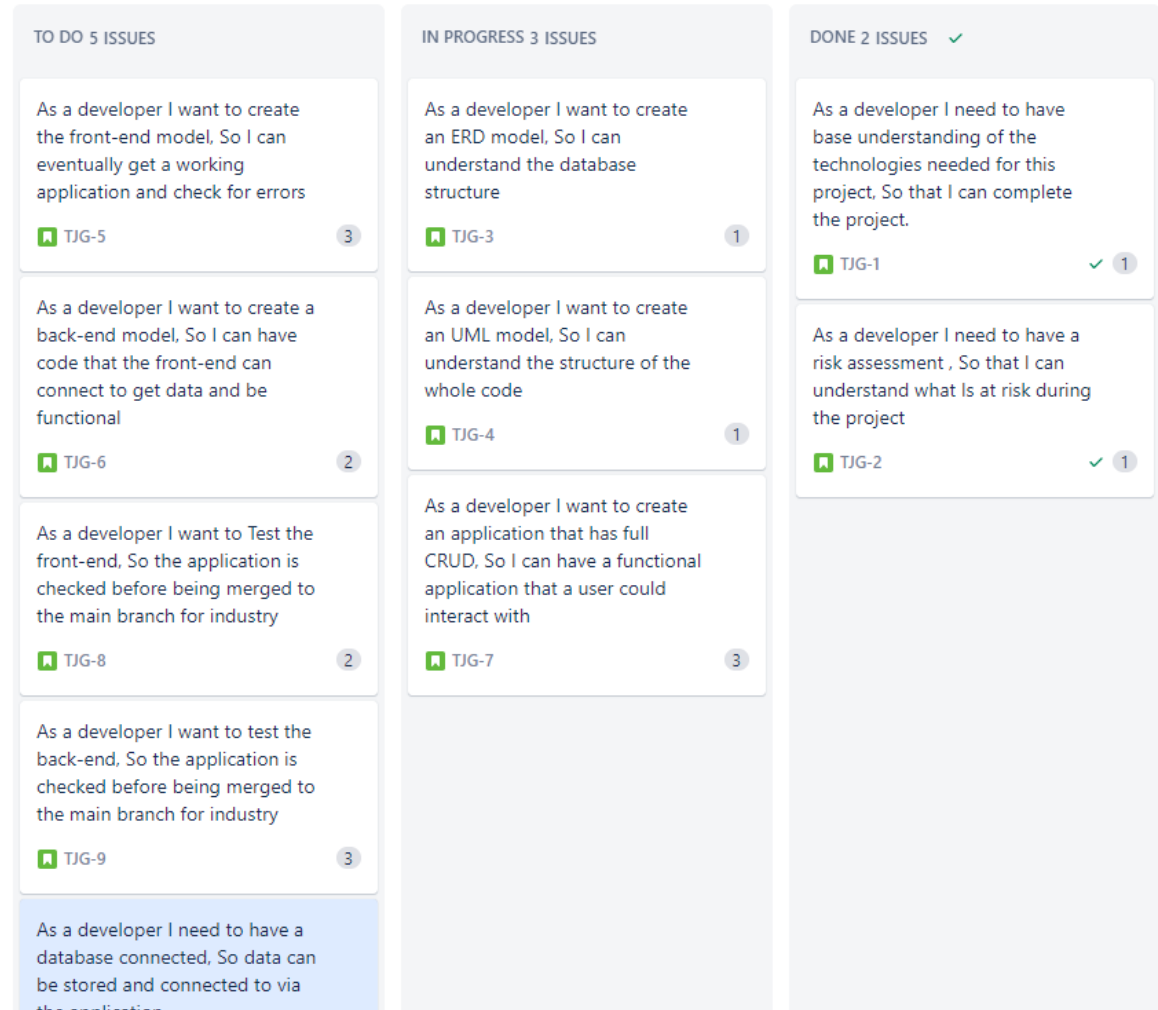
- Controller
- Service
- Repository
- Model



ER Diagram



Jira and the Sprint



User Stories

✎ Add epic / 📌 TJG-1

As a developer I need to have base understanding of the technologies needed for this project, So that I can complete the project.

📎 Attach 👤 Add a child issue 🔗 Link issue ▼

Description

Add a description...

Activity

Show: All **Comments** History



Add a comment...

🔒 👁 1 🏠 🔗 ... ✕

Done ▼

✓ Done

Details ^

Assignee	👤 Unassigned
Labels	None
Sprint	TJG Sprint 1
Story point estimate	1
Reporter	👤 George Whyte

User Stories

Add epic

TJG-4

As a developer I want to create an UML model, So I can understand the structure of the whole code

Attach

Add a child issue

Link issue

Description

Add a description...

Activity

Show:

All

Comments

History

GW

Add a comment...

Pro tip: press **M** to comment

Done

✓ Done

Details

Assignee: Unassigned

Labels: None

Sprint: [TJG Sprint 1](#)

Story point estimate:

1

Reporter:

GW

 George Whyte

Created 3 days ago

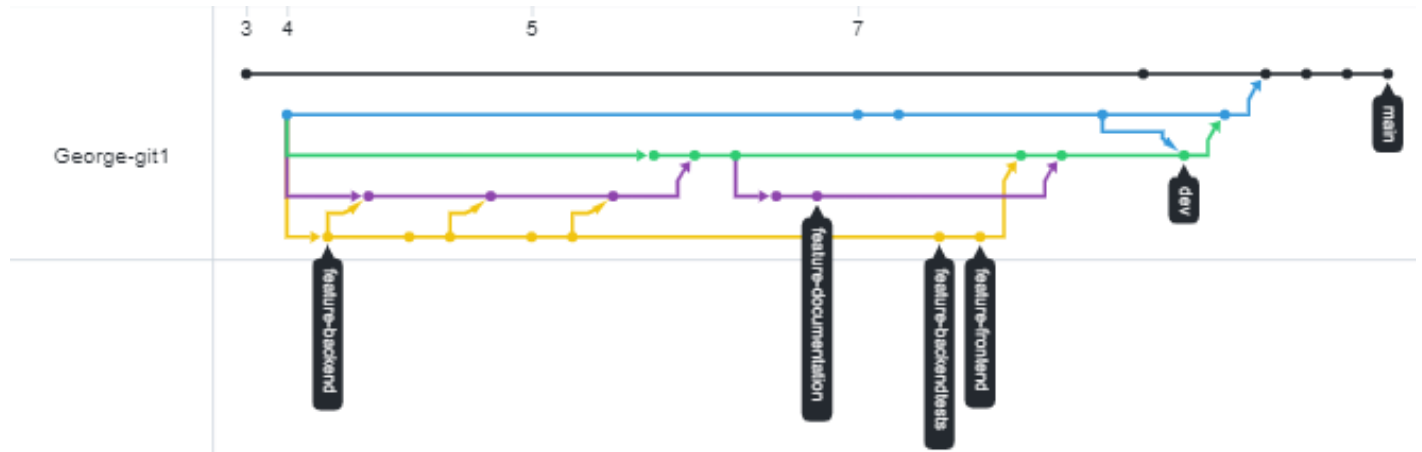
Updated 3 days ago

Resolved 3 days ago

Configure

My Approach to GIT

- Multiple branches for features
- Using commits and merging
- Final merge to main



Development

Front-end

Back-end

SQL

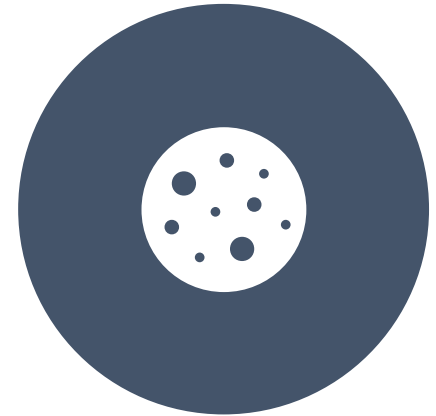
Testing



INTEGRATION TESTS



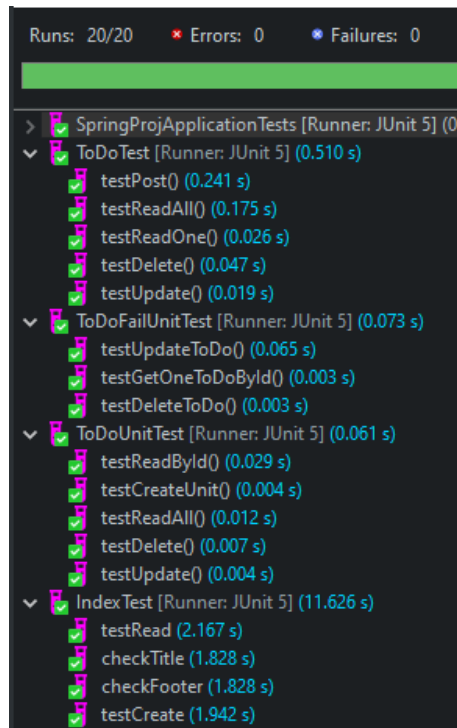
UNIT TESTS



SELENIUM

Testing

- Integration Tests
- Unit Tests
- Selenium Front-End tests



Coverage

spring-proj (8 Aug 2021 15:06:30)

Element	Coverage	Covered Instructions	Missed Instructions
spring-proj	95.5 %	1,008	
src/main/java	84.2 %	235	
src/test/java	99.5 %	773	

Sprint Review

Completed all user stories

Had some issues with some integration and unit tests

Spring Retrospective

Last project helped
me become more
comfortable

Testing surpassed the
industry standard(last
time it did not)

Conclusion



PROJECT SUCCESS



LEARNED NEW
TECHNOLOGIES AND ABLE
TO PUT THEM IN PRACTICE



CONNECTED TO A
DATABASE



FOR THE FUTURE-
PRACTICE JAVASCRIPT

Thank you

Any Questions?