

To Do List API

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By Fayaz Sheikh

Introduction

Process of Development

- Jira
- Objects
- Interface
- DTO
- Service
- Tests (Unit & Integration)
- Website Development
- Selenium Testing

Backlog 16 issues				Create sprint	...
Task - Object	API Coding	TDL-1	↑	-	
List - Object	API Coding	TDL-2	↑	-	
Task - Interface	API Coding	TDL-3	↑	-	
List - Interface	API Coding	TDL-4	↑	-	
Task - DTO	API Coding	TDL-5	↑	-	
List - DTO	API Coding	TDL-6	↑	-	
Task - Service	API Coding	TDL-7	↑	-	
List - Service	API Coding	TDL-8	↑	-	
Project Runner	API Coding	TDL-9	↑	-	
Task - Unit Test	API Testing	TDL-10	↓	-	
List - Unit Test	API Testing	TDL-11	↓	-	
Task - Integration Test	API Testing	TDL-12	↓	-	
List - Integration Test	API Testing	TDL-13	↓	-	
Website Design(HTML & CSS)	Website	TDL-14	↑	-	
Website API (Javascript)	Website	TDL-15	↑	-	
Selenium Testing	Website	TDL-16	↑	-	

Consultant Journey

Things I have learnt:

- Spring Boot
- Bootstrap
- Spring Fox
- Selenium
- SonarQube

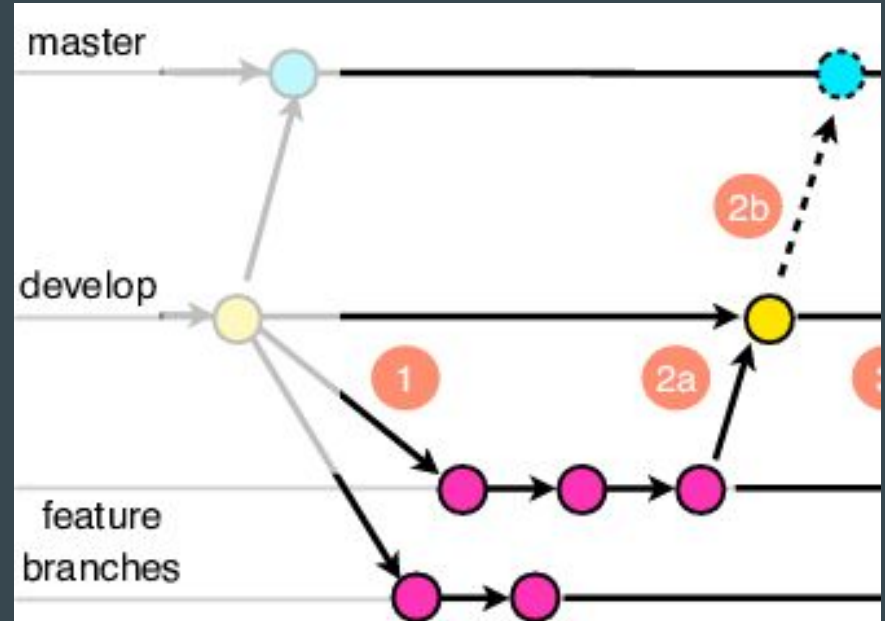
Git

There are 3 branches, Main, development and feature.

Main is updated at the end of each sprint with a final updated version.

Development is for testing & merging.

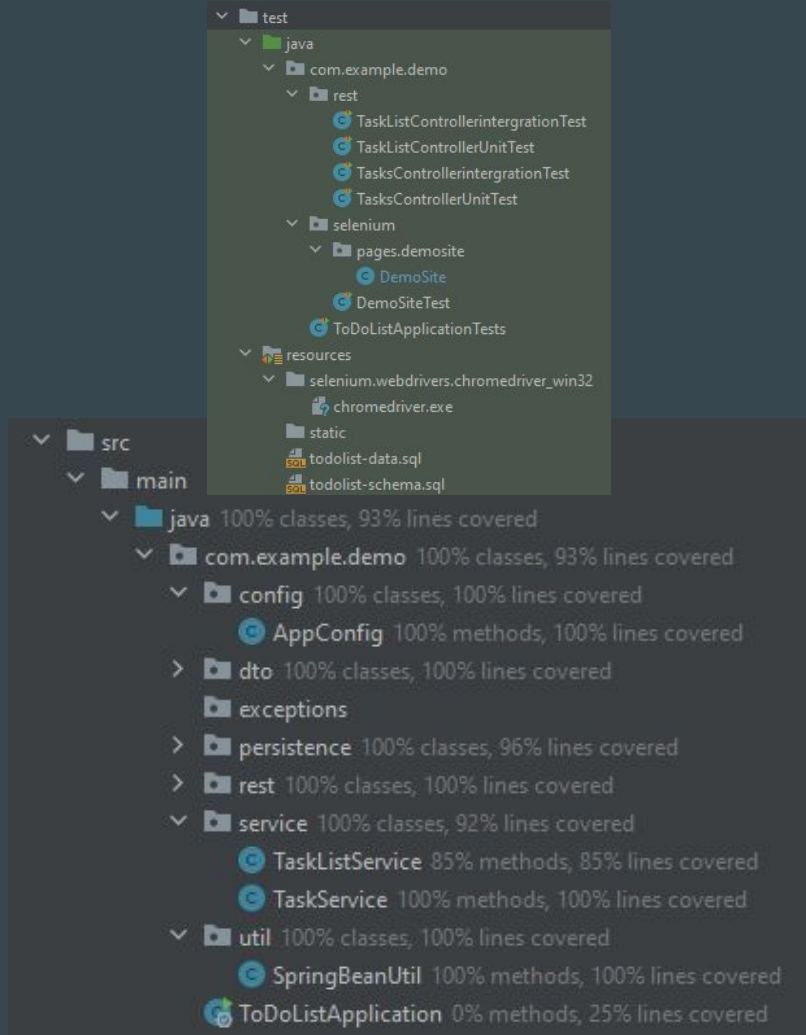
Feature is for individual development of sections of the program.



Testing

Testing was done in 3 parts.

- Unit Testing
- Integration Testing
- Website Testing (selenium)



















Demonstration

Sprint Review

All Requirements were met.

No bugs have been found yet through testing.

Testing met the 80% requirement (93%)

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Sprint Retrospective

My Strengths:

- Coding Ability
- Time Management
- Manual Testing
- Learning New Technologies

My Weakness:

- Documentation
- Risk Assessment
- Readme.md

Conclusion

Main Points to take away:

- Git usage has been improved
 - Main Repository compiles flawlessly
 - Testing ability has improved dramatically
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- Documentation still needs improvement
 - Website could look better and prove my understanding of bootstrap

Question