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# TDL PRESENTATION

By Leaf Cooper

# Approach

- Circumstance meant some elements of project were unknown at outset
- Divided project into mostly independent sections to work on
- Once new elements and requirements became known, could begin work on those sections

# Sprint overview

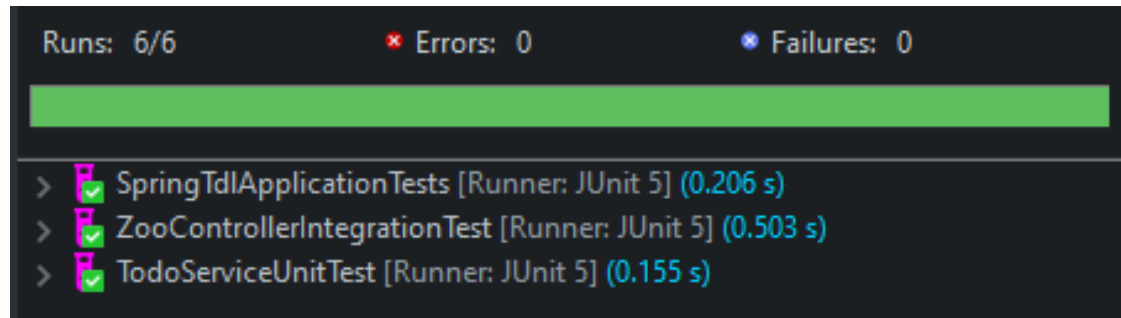
- Single sprint covered entire project
- Covered creation of frontend, backend, testing and documentation
- Hoped to achieve minimum viable product of CRUD functionality

# Technologies used

- Front end: HTML, css, JavaScript
- Backend: Java, SQL, Maven, SpringBoot
- Testing: JUnit, Mockito, SonarQube, Selenium
- Version control: Git, Github

# Testing

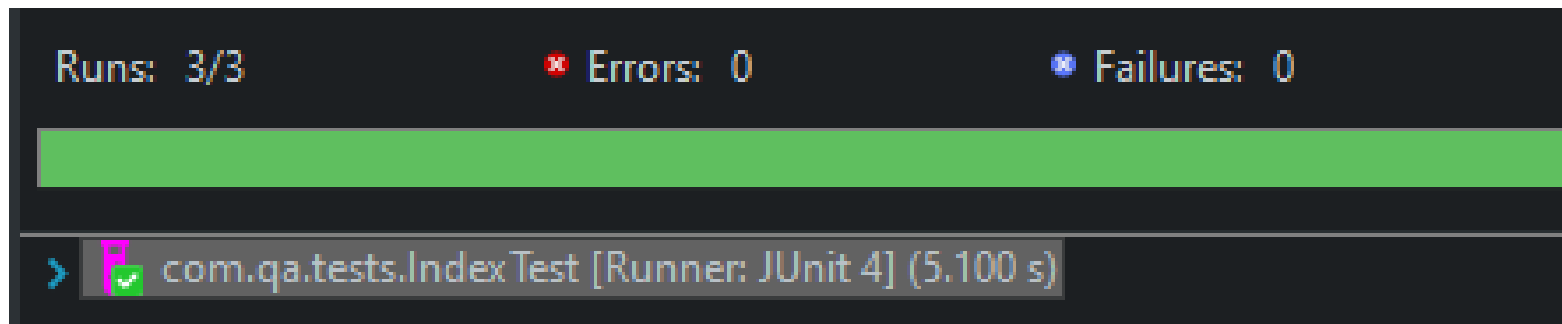
- Unit testing and integration testing was carried out to ensure functionality
- Aimed to meet 80% coverage with no test fails



Element	Coverage	Covered Instructions
Spring-TDL	99.1 %	536
src/main/java	97.5 %	192
com.qa.SpringTDL	37.5 %	3
com.qa.SpringTDL.domain	100.0 %	58
com.qa.SpringTDL.rest	100.0 %	84
com.qa.SpringTDL.service	100.0 %	47
src/test/java	100.0 %	344

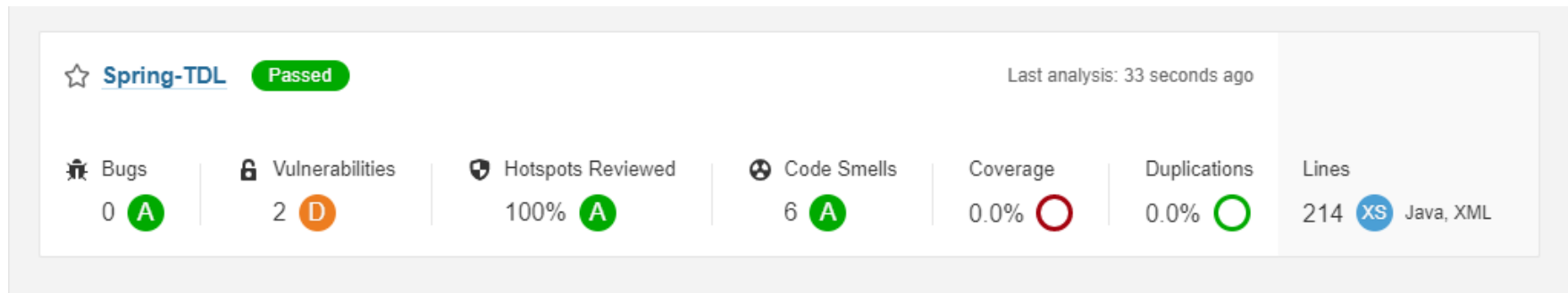
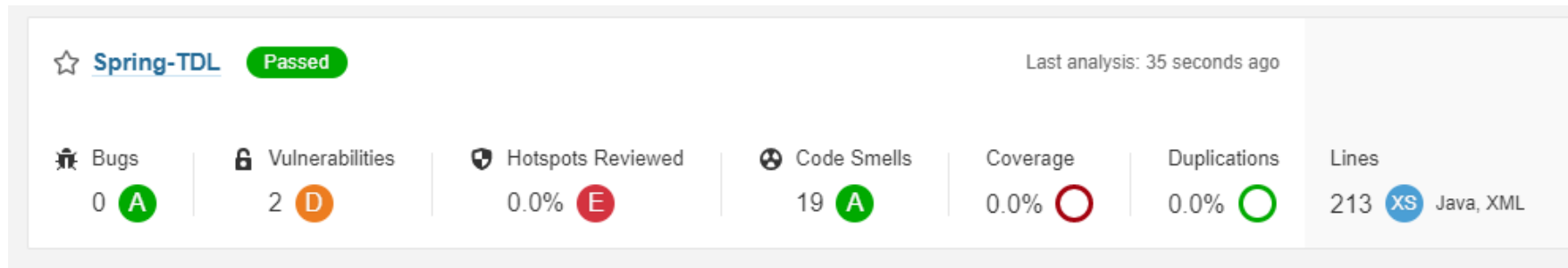
# Testing

- Selenium was used for user acceptance testing
- Tested correct elements loaded, functions operated correctly etc.

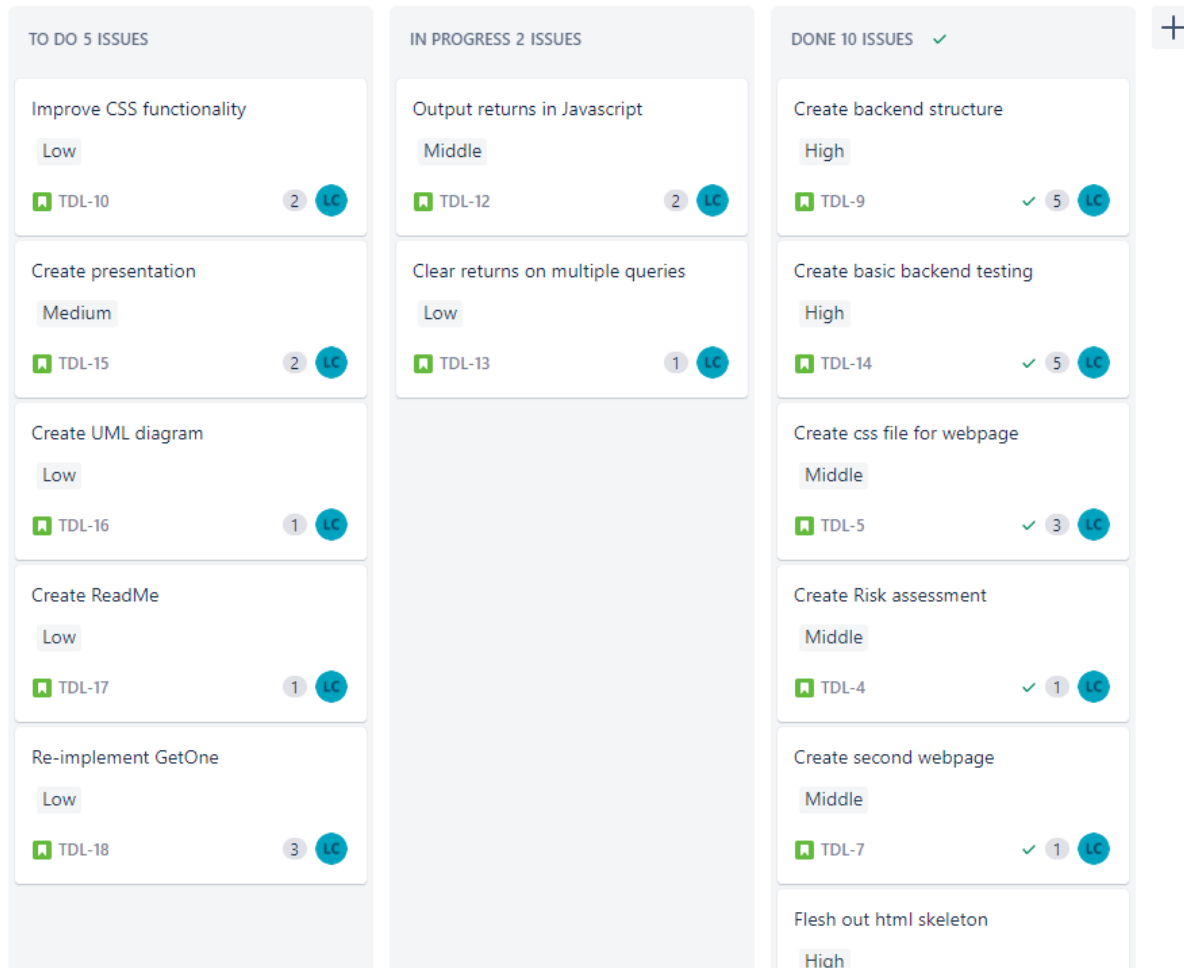


# Testing

- Additionally, used SonarQube for static analysis



# User stories





# User Stories

 Add epic /  TDL-5

## Create css file for webpage

 Attach  Add a child issue  Link issue  

### Description

As a user, I want the webpage to be aesthetically sensible and well structured so that I will be able to easily view and interact with elements

### Activity

Show: All Comments History

Newest first 



Add a comment...

Pro tip: press **M** to comment

  1    

Done 

 Done

### Details

Assignee  Leaf Cooper

Labels Middle

Sprint TDL Sprint 1

Story point estimate 3

Reporter  Leaf Cooper



Created 4 days ago

Updated 12 minutes ago

Resolved 4 days ago

 Configure

# User Stories

 Add epic /  TDL-19

## Set requirements for data entry, e.g. name is required

 Attach  Add a child issue  Link issue  

### Description

As a developer, I want to ensure that relevant fields have requirements for entry, so that the data remains well structured and readable

### Activity

Show:   

Newest first 



Add a comment...

Pro tip: press  to comment

  1    

Done 

 Done

### Details

Assignee  Leaf Cooper

Labels 

Sprint 

Story point estimate 

Reporter  Leaf Cooper

Created 2 days ago

Updated 9 minutes ago

Resolved 21 hours ago

 Configure

# Sprint review

- Satisfied with quality of sprint
- Able to complete MVP and a few additional features
- Only remaining stories were low priority additional features

# Sprint Retrospective

- Satisfied with overall pacing of work, able to prioritise well and adjust to new/changing requirements
- Could improve on Github interactions, early errors with repository left me cautious of some beneficial features
- Could also further improve CSS and overall design of webpage

# Conclusion

- Satisfied with status of project
- Future steps may include completing remaining user stories, improving webpage, more robust Selenium testing

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# THANK YOU

Any questions?