

To-do List Application

By Jacob Winkworth

Concept

- ◆ Noted initial stand-out user stories.
- ◆ Generated epics from those user stories.
- ◆ Adhered to a simple SDLC nomenclature for following epics:
 - ◆ Planning, Analysis, Design...
- ◆ Assigned tasks to these epics.

Example Epic

Backlog 4 issues

Create sprint

As a user, I must be able to create a new task, so that it can

CRUD tasks

TDLA-17

M

-

As a user, I must be able to delete a task, so that I can keep

CRUD tasks

TDLA-18

M

-

As a user, I must be able to update a task, so that I can cha

CRUD tasks

TDLA-19

M

-

As a user, I must be able to read all of my tasks, so that I ca













CRUD tasks

TDLA-20

M

-

Sprint Plan

	As a user, I must be able to create a new task, so that it can	CRUD tasks	TDLA-17		
	As a user, I must be able to delete a task, so that I can keep	CRUD tasks	TDLA-18		
	As a user, I must be able to update a task, so that I can cha	CRUD tasks	TDLA-19		
	As a user, I must be able to read all of my tasks, so that I ca	CRUD tasks	TDLA-20		

Consultant Journey

- ◆ Version Control System: Git ✓
- ◆ Source Code Management: Github ✓
- ◆ Kanban Board: Jira ✓
- ◆ Database Management System: MySQL Server 5.7 ✓
- ◆ Back-End: Java ✓
- ◆ API Development Platform: Spring ✗
- ◆ Front-end: HTML, CSS, JavaScript ✓
- ◆ Build Tool: Maven ✓
- ◆ Static Analysis: SonarQube ✗
- ◆ Unit & Integration Testing: JUnit & Mockito ✓
- ◆ User-Acceptance Testing: Selenium ✗

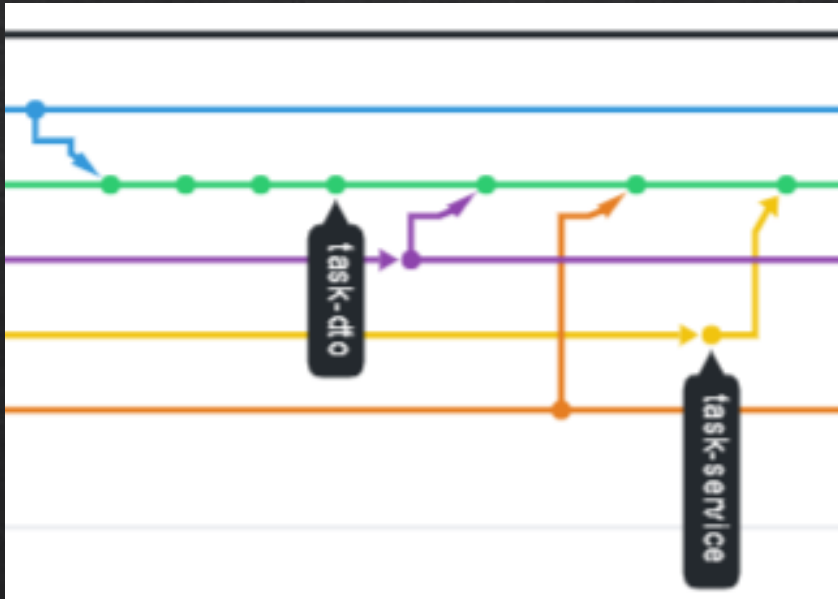
dev Updated 10 minutes ago by jacobwinkworth-qa

resources Updated 12 minutes ago by jacobwinkworth-qa

resources-static Updated 21 hours ago by jacobwinkworth-qa

test-backend-service Updated 23 hours ago by jacobwinkworth-qa

test-backend-rest Updated 2 days ago by jacobwinkworth-qa



Continuous Integration

- ◇ Simple branching structure:
 - ◇ Master -> Dev
 - ◇ Dev -> feature-<concept>
 - ◇ Feature-concept -> issue-fix
- ◇ Stale branches were deleted after bug fixes.

Testing (Backend)

Problems

@ Javadoc

Console

Coverage

tdla (18 Dec 2020 11:49:57)

Element	Coverage	ed Instructions	ed Instructions	tal Instructions
tdla	99.7 %	2,357	8	2,365
src/main/java	97.8 %	363	8	371
src/test/java	100.0 %	1,994	0	1,994

Testing (Frontend)

CRUD List Test

2020-12-18 12:35:12

2020-12-18 12:35:21

0h 0m 8s+996ms

STATUS	TIMESTAMP	DETAILS
✓	12:35:19	read list passed
✓	12:35:19	update list passed
✓	12:35:20	create list passed
✓	12:35:20	delete list passed

CRUD Task Test

2020-12-18 12:43:04

2020-12-18 12:43:12

0h 0m 7s+510ms







STATUS	TIMESTAMP	DETAILS
✓	12:43:11	read tasks passed
✓	12:43:11	update task passed
✓	12:43:11	create task passed
✓	12:43:11	delete task passed

Demonstration

Sprint Review



Completed Issues

[View in Issue Navigator](#)

Key	Summary	Issue Type	Priority	Status	Story Points (-)
TDLA-17	As a user, I must be able to create a new task, so that it can be added to a list.	 Story	 Must	DONE	-
TDLA-18	As a user, I must be able to delete a task, so that I can keep my tasks organised.	 Story	 Must	DONE	-
TDLA-19	As a user, I must be able to update a task, so that I can change any attributes.	 Story	 Must	DONE	-

Issues Not Completed

[View in Issue Navigator](#)

Key	Summary	Issue Type	Priority	Status	Story Points (-)
TDLA-20	As a user, I must be able to read all of my tasks, so that I can keep my life organized.	 Story	 Must	TO DO	

[Quickstart](#)

Sprint Retrospective

Completed Issues

Key	Summary
TDLA-17	As a user, I must be able to create a new task, so that it can be added to a list.
TDLA-18	As a user, I must be able to delete a task, so that I can keep my tasks organised.
TDLA-19	As a user, I must be able to update a task, so that I can change any attributes.

Issues Not Completed

Key	Summary
TDLA-20	As a user, I must be able to read all of my tasks, so that I can keep my life organized.

Completed Issues

Key	Summary
TDLA-11	As a user, I must be able to create a new list, so that I can organise that topic.
TDLA-12	As a user, I must be able to delete a list, so that I can organise my lists.
TDLA-13	As a user, I must be able to update a list, so that I can rename my list.

◆ Sprint 1:

- ◆ What went well:
 - ◆ Good prioritisation of tasks.
- ◆ What went wrong:
 - ◆ Over-assigning of tasks.
 - ◆ Tasks were not completed.

◆ Sprint 2:

- ◆ Improvements:
 - ◆ Correct assignment of workload.

Conclusion

Thank you for listening

Any questions?