To-Do List (TDL)

Siddhartha Gurung

Introduction
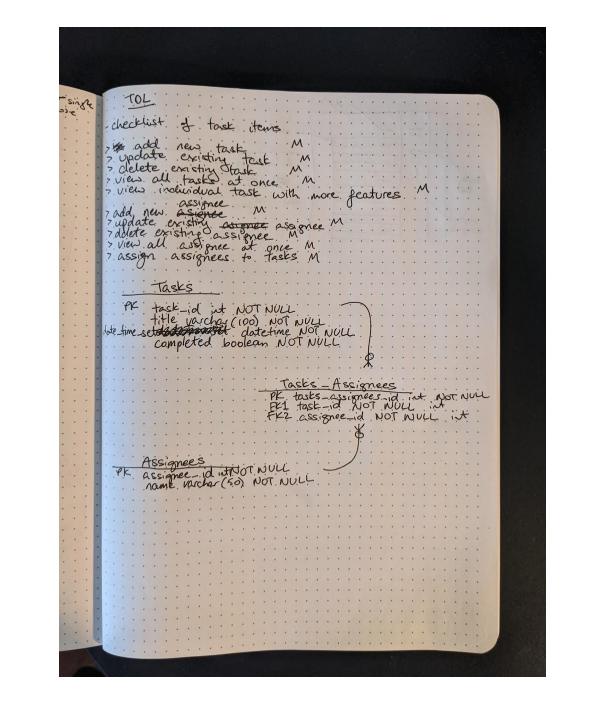
Project Requirements

- To create a 'to-do list' program
- An OOP-based web application, utilising tools, methodologies and technologies learned thus far
- A functional 'back-end'
- A functional 'front-end' which connects to the 'back-end' API

Concept

- Single user
- Minimal interface
- Essential information only
- Assignees

TOL

- checklist of task items

> add new task　　　M
> update existing task　　M
> delete existing task　　M
> view all tasks at once　M
> view individual task with more features. M
　　　　assignee
> add new assignee　M
> update existing assignee M
> delete existing assignee M
> view all assignee at once M
> assign assignees to tasks M

Tasks

PK　task_id int NOT NULL
　　title varchar (100) NOT NULL
date_time set datetime NOT NULL
　　completed boolean NOT NULL

Tasks - Assignees
PK tasks_assignees_id int NOT NULL
FK1 task_id NOT NULL int
FK2 assignee_id NOT NULL int

Assignees
PK assignee_id int NOT NULL
　name varchar (50) NOT NULL

Sprint plan

Backlog

🔍	SG 👤⁺	Epic ⌄

˅ Backlog (10 issues)   59 **0** **0**   Create sprint

🔖	TDL-1	As a user, I want to be able to add a new task to my list, so that I can view them later	5	SG
🔖	TDL-2	As a user, I want to be able to edit existing tasks, so that I can modify them if anything changes	8	SG
🔖	TDL-3	As a user, I want to be able to view my tasks, so that I can see what needs to get done	5	SG
🔖	TDL-4	As a user, I want to be able to delete existing tasks, so that I can get rid of tasks which have been completed or don't apply anymore	5	SG
🔖	TDL-5	As a user, I want to be able to mark tasks as complete, so that I can see in the future which tasks are done and which still need to be completed	8	SG
🔖	TDL-6	As a user, I want to be able to add an assignee to a task, so that when they look at the list they can see which tasks they have been assigned to	5	SG
🔖	TDL-7	As a user, I want to be able to create a new assignee, so that I can assign them to tasks	5	SG
🔖	TDL-8	As a user, I want to be able to edit existing assignees, so that I can modify their details if anything changes	8	SG
🔖	TDL-9	As a user, I want to be able to view existing assignees, so that I can see who has been already added	5	SG
🔖	TDL-10	As a user, I want to be able to delete existing assignees, so that I can remove them if anything changes	5	SG

+ Create issue

To-Do List
Next-gen software project

- Roadmap
- Backlog
- Board
- Code
- Project pages
- tdl
- Add item
- Project settings

Projects / ▦ To-Do List / ⚡ MVP / 🔖 TDL-3

🔒 👁 1   👍 ⤴ •••

As a user, I want to be able to view my tasks, so that I can see what needs to get done

📎 Attach   ⤴ Add a child issue   🔗 Link issue   ⌄   •••

Done ⌄   ✓ Done

Description

Add a description...

YOUR PINNED FIELDS

Acceptance Criteria	Code builds without warning
	Unit testing written and pa...
	Build pull requested and m...
MoSCoW	Must

Child issues   ••• +

████████████████████████████████ 100% Done

🟦 TDL-16	readTask endpoint	SG	DONE
🟦 TDL-17	readAllTasks endpoint	SG	DONE
🟦 TDL-18	Able to view individual task through front-end	SG	DONE
🟦 TDL-19	Able to view all tasks through front-end	SG	DONE

Assignee   SG Siddhartha Gurung

Labels   None

Sprint   None +1

Story point estimate   5

Reporter   SG Siddhartha Gurung

Activity

Show: Comments   History

SG Add a comment...

Pro tip: press **M** to comment

Created February 4, 2021, 12:37 PM
Updated 3 days ago

⚙ Configure

You're in a next-gen project
Give feedback   Learn more

Technologies used

CI (Continuous Integration)

- Feature/branch workflow model
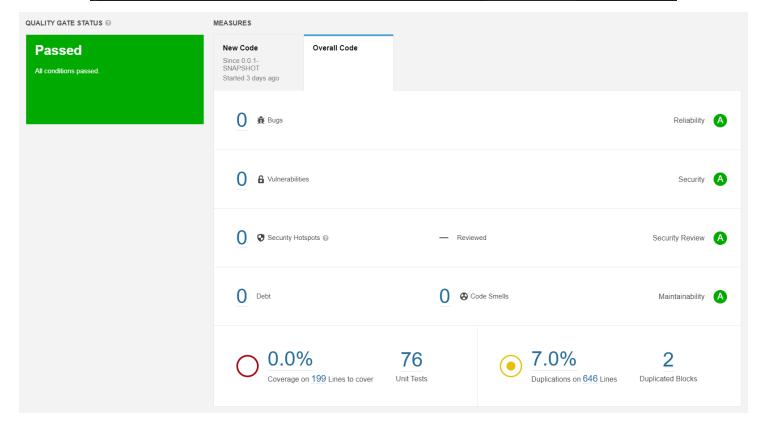- Overall, 12 new branches were created

Testing

JUnit 5   mockito   Se

java (1) (14 Feb 2021 17:20:23)				
Element	Coverage	vered Instructions	lissed Instructions	Total Instructions
⌄ 📂 tdl	96.5 %	5,115	184	5,299
> 📂 src/test/java	96.1 %	4,306	175	4,481
> 📂 src/main/java	98.9 %	809	9	818

QUALITY GATE STATUS ⓘ

Passed
All conditions passed.

MEASURES

New Code	Overall Code
Since 0.0.1-SNAPSHOT Started 3 days ago	

0 🐛 Bugs   Reliability **A**

0 🔒 Vulnerabilities   Security **A**

0 🛡 Security Hotspots ⓘ   — Reviewed   Security Review **A**

0 Debt   **0** Code Smells   Maintainability **A**

0.0%   **76**   **7.0%**   **2**
Coverage on 199 Lines to cover   Unit Tests   Duplications on 646 Lines   Duplicated Blocks

Demonstration

Sprint Review/ Retrospective

-

- All user stories and tasks were completed within the set time frame

- Acceptance criteria met

- No major problems at any stage

- Made sure to create new branches to encanpsulate and make reviewing changes easier

Improvements for the future:

- More readable date

- Better design layout of 'edit' modals

Questions