

The background features a series of concentric circles in light gray, some solid and some dashed, creating a ripple effect. A large, solid red oval is positioned in the center-right of the frame. A dark gray, curved, brush-stroke-like shape is located to the left of the red oval, partially overlapping it.

To Do List Web Application(TDL)

By: Raimonds Mezals

Introduction

The project:

- ❖ Documentation
- ❖ A To Do List Web Application that would be able to create a to do lists with CRUD functionality and have an ability to add or remove items from specific lists.
- ❖ Junit and integration testing to test the back-end of the system
- ❖ Selenium testing to test the front end of the system



L Workbench 8.



Consultant Journey



Learned skills Week 5:

- ❖ Java
- ❖ Eclipse
- ❖ Git and GitHub
- ❖ MySQL and H2
- ❖ Agile scrum
- ❖ Junit
- ❖ Maven
- ❖ SonarQube

Learned skills Week 8:

- ❖ Spring
- ❖ Visual Studio Code
- ❖ Postman
- ❖ Integration Testing
- ❖ Mockito
- ❖ Selenium
- ❖ HTML
- ❖ CSS
- ❖ JavaScript



Visual Studio Code

Continuous Integration Version Control: Jira

TDL Sprint 1

Create the necessary documentation and the back end of the system.

Search [RM] Only My Issues Recently Updated

TO DO

Create a UML diagram in order to understand the functionality of the code.

Documentation

✓ ↑ -

TDL-19 RM

IN PROGRESS

As a user I want to be able to create an item that I could add to my shopping list.

ItemsTable

✓ ↑ 10m

TDL-2 RM

As a user I want to be able to read all items so i know the contents of my items table.

ItemsTable

✓ ↑ 3m

TDL-9 RM

As a user I want to be able to read an items table by id so i can see the contents of specific object that it stores.

ItemsTable

✓ ↑ 3m

TDL-10 RM

As a user I want to be able to update an items table by id so i can update the contents of the object that it stores.

ItemsTable

✓ ↑ 0m

TDL-11 RM

DONE

Create a MoSCoW diagram so that I am able to see the most important features of the project.

Documentation

✓ ↑ 0m

TDL-17 RM

Create an ERD diagram so that I can understand the functionality of the database.

Documentation

✓ ↑ 0m

TDL-18 RM

Create a Risk Assessment and assess any potential risks that could arise during or after the project.

Documentation

✓ ↑ 0m

TDL-20 RM

Create a Risk Matrix to show all the potential risks on a graph.

Documentation

✓ ↑ 0m

TDL-21 RM

0 days remaining Complete sprint

TDL Sprint 2

Complete the project

Search [RM] Only My Issues Recently Updated

TO DO

Use Selenium to test the front end of the Project

Testing

✓ ↑ 2h

TDL-31 RM

Create a Presentation to present the project.

Documentation

✓ ↑ 1h

TDL-29 RM

IN PROGRESS

Perform unit and integration testing for the back end.

Testing

✓ ↑ 5h

TDL-30 RM

DONE

As a user I want to have a pleasant and clear interface that I can use in order to choose what functionality I want to perform with my to do list.

Front-End

✓ ↑ 0m

TDL-13 RM

As a user I want to be able to enter data on the web page and have it successfully transferred to a database.

Front-End

✓ ↑ 0m

TDL-14 RM

Create main page using HTML and Bootstrap.

Front-End

✓ ↑ 20m

TDL-25 RM

Create a page for to do list (Bag) using HTML and Bootstrap.

Front-End

✓ ↑ 30m

TDL-26 RM

Create a page for items table using HTML and Bootstrap.

Front-End

✓ ↑ 0m

TDL-27 RM

Quickstart

TDL-4 TDL-1

Give feedback 1

As a user I want to be able to create a to do list where I would be able to store my other lists.

Attach Create subtask Link issue

Description
Add a description...

Activity
Show: Comments History Work log

1h Ramon Maza 3 hours ago
Set up the project and write code that allows for an ability to create a to do list.
Edit Delete

RM Add a comment...
Pre sign press to comment

Assignee Ramon Maza
Reporter Ramon Maza
Development 1 branch 2 commits 1 pull request MERGED
Labels None
Story Points
Original estimate
Time tracking 5m logged 5m remaining
Epic Link
Sprint TDL Sprint 1
Priority Medium

Show 2 more fields
Components and fix versions
Created 2 days ago
Standard & New story






Testing


Selenium Test Create Bag


2021-02-20 22:22:07

2021-02-20 22:22:08

0h 0m 0s+460ms

STATUS	TIMESTAMP	DETAILS
	22:22:07	Given - I can access http://localhost:9090/index.html
	22:22:07	When - I navigate to the Bag Modification table
	22:22:07	When - I enter values for a bag and crate a bag
	22:22:08	Then - I should see Successfully Created a (createTest) List
	22:22:08	Successfully created a list!

>  src/main/java

 90.4 %

349

37

386

Junit and integration testing

❖ BagController

❖ BagService

Selenium testing

❖ Front-end



Demonstration

Sprint Review



**Minimum
Viable Product**



User Stories



Specific Tasks



Bugs

Sprint Retrospect

■ What Went Well

- ❖ Product meets a minimum viable product
- ❖ Junit and Integration tests covered over 80% of the project code.

What Could Be Improved

- ❖ More time was needed in order to refactor the code, time management could be improved.
- ❖ Selenium testing could be improved given more time.
- ❖ More time could be spent to improve the design and general aesthetics of the front-end of the application.

Conclusion

- ❖ The overall project and its functionality was a success.
- ❖ Junit and integration tests covered over 80% of the main code for the back-end
- ❖ Relevant documentation was created on time

A large, vibrant red speech bubble is the central focus, containing the word "Questions?" in a clean, white, sans-serif font. The bubble is positioned slightly to the right of the center. The background is a light gray, featuring a series of concentric circles that radiate from the center, creating a subtle, swirling effect. A dark gray, curved shape is visible behind the red bubble, suggesting the tail of the speech bubble.

Questions?