

Project

By Chris Jones

Task

- ▶ To create a working front-end (HTML, CSS and JS), back-end (Java, Spring) and database (SQL) that communicate with each other and supports basic CRUD functionality.
- ▶ Project management was done using Jira.
- ▶ Documentation - README file on github.

Structure of Presentation

- ▶ Planning Stage
- ▶ Technologies Used
- ▶ Demo
- ▶ Summary
- ▶ Questions

Planning Stage

- ▶ The topic is animals.
- ▶ Started the planning phase via Scrum board on Jira, created epics and user-stories.
- ▶ Started and finished the back-end before moving on to the front-end.

The screenshot displays a Jira Scrum board for a sprint titled "AN Sprint 1" (13 Dec – 17 Dec) containing 7 issues. On the left, a sidebar shows the "Epic" section with options to "Create", "Update", "Delete", "Read", and "Testing". The main board area lists the following issues:

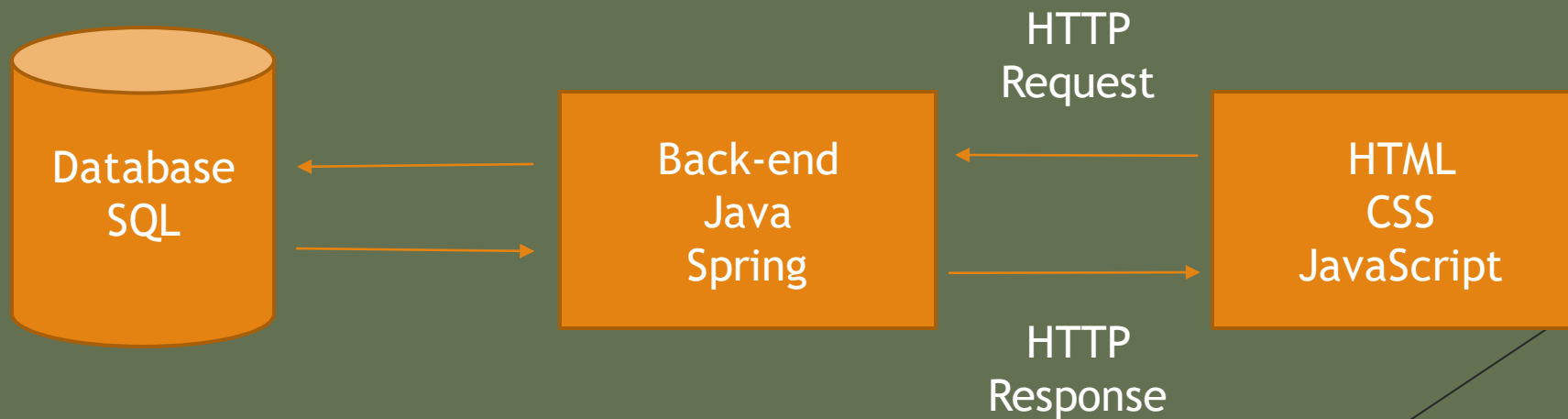
Issue ID	Description	Label	Assignee	Estimate	Status	Resolution
AN-6	As a customer, I want to be able to see all of the items, so I can find the ones I want.	READ		4	DONE	C
AN-7	As a customer, I want to be able to search for a specific item, so I don't have to waste time looking from all of them.	READ		6	DONE	C
AN-8	As an employee, I want to be able to update an item in the database, so I can change the information if it is incorrect.	UPDATE		7	DONE	C
AN-23	As a developer, I want my code to be readable and well commented, so other developers can easily understand and read it.			4	DONE	C
AN-5	As a customer, I want to be able to submit a created item, so that my created Item persists	CREATE		8	DONE	C
AN-10	As an employee, I want to be able to delete an item, so I can remove an item from the database if I need to.	DELETE		6	DONE	C
AN-11	As A developer, I want my application to have tests, so I am certain my methods function how they are supposed to.	TESTING		7	DONE	C

At the bottom of the board, there is a "+ Create issue" button.

Technologies Used

- ▶ Java, Spring, MockMvc (testing)
- ▶ HTML, CSS, JavaScript
- ▶ SQL

Problems Javadoc Declaration Console Coverage X		
Element	Coverage	Cove
▼ AnimalsProject	<div><div></div></div> 98.1 %	
▼ src/main/java	<div><div></div></div> 97.8 %	
▼ com.bae.animals	<div><div></div></div> 37.5 %	
> AnimalsProjectApplication.java	<div><div></div></div> 37.5 %	
> com.bae.animals.domain	<div><div></div></div> 100.0 %	
> com.bae.animals.service	<div><div></div></div> 100.0 %	
> com.bae.animals.web	<div><div></div></div> 100.0 %	
> src/test/java	<div><div></div></div> 98.4 %	



Demo

Summary

- ▶ What went well: the project overall, achieved CRUD functionality, testing went well.
- ▶ What didn't go well: formatting the cards, style could be improved and version control.
- ▶ Create Git repos first.

Questions

The background of the slide is an abstract composition of overlapping geometric shapes, primarily triangles. The color palette consists of muted olive green, various shades of brown (from light tan to dark chocolate), and vibrant orange. The shapes are layered, creating a sense of depth and movement. A thin, dark line runs diagonally across the lower right portion of the image.

Finished