

A decorative graphic on the left side of the slide, consisting of a network of white lines and small circles on a blue gradient background, resembling a circuit board or a neural network.

PRACTICAL PROJECT

JORDAN LEWIS

INTRODUCTION

- Who am I?
- Specification:
 - Read
 - Working through the deliverables checklist
 - Plan

CONCEPT

Title

Bun	Image	Add item
Condiment	Image	Add item
Lettuce	Image	Add item
Tomato	Image	Add item
Cheese	Image	Add item
Patty	Image	Add item
Bacon	Image	Add item
Onions	Image	Add item

Remove last item

Clear all

Save Burger

Load Burger

The image is a presentation slide with a blue background and white circuit-like line art. The word "CONCEPT" is written in large, white, sans-serif capital letters. In the center, there is a screenshot of a web application. The application has a header "WELCOME TO WCDINALDS" and a hamburger menu icon. The main content area is divided into two columns. The left column has a title "Let's Make BoorgorMons" in a stylized font, followed by the subtitle "Gotta Eat 'em All". Below this are input fields for "Enter Name:", "Choose 1st Item", and "Choose 2nd Item". There is also a dropdown menu labeled "Are edible?". At the bottom of this column are four buttons: "Create BM" (green), "Clear Fields" (red), "Update BM" (blue), and "Delete BM" (red). The right column has a title "Current Boorgers" in a stylized font, followed by a list of 32 items, each with a name, items, and edibility status. The list starts with "2. Name: James Items: Bun & Tomato Edible: Yes" and ends with "32. Name: Items: & Edible:". The background of the slide is a gradient of blue, with white circuit-like line art on the left and right sides.

The image is a presentation slide with a blue background and white circuit-like line art. The word "CONCEPT" is written in large, white, sans-serif capital letters on the left side. In the center, there is a screenshot of a web application. The application has a header that says "WELCOME TO WCDINALDS" and a hamburger menu icon. Below the header, there is a title "Let's Make BoorgorMons" in a stylized font, followed by the subtitle "Gotta Eat 'em All!". There are three input fields: "Enter Name:", "Choose 1st Item", and "Choose 2nd Item". Below these is a dropdown menu labeled "Are edible?". At the bottom of the form are four buttons: "Create BM" (green), "Clear Fields" (red), "Update BM" (blue), and "Delete BM" (red). To the right of the form is a section titled "Current Boorgers:" followed by a list of 32 items, each with a name, items, and edibility status. The list starts with "2. Name: James Items: Bun & Tomato Edible: Yes" and ends with "32. Name: Items: & Edible:". The application interface is clean and modern, with a light gray background and white text.

CONCEPT

WELCOME TO WCDINALDS

Here be Boorgors

Create Update Delete

*Let's Make
BoorgorMons*

Gotta Eat 'Em All

Enter Name:

Choose 1st Item

Choose 2nd Item

Are they edible? ☐

Current BMs:

- 2. Name: James Items: Bun & Tomato Edible: Yes
- 3. Name: Jimmy Items: Cheese & Tomato Edible: Yes
- 4. Name: James Items: Bun & Onion Edible: yes
- 5. Name: James Items: Bun & Tomato Edible: Yes
- 17. Name: James Items: Bun & Bun Edible: Yes
- 22. Name: Jim Items: Condiment & Lettuce Edible: Yes
- 23. Name: Items: & Edible:
- 24. Name: Items: & Edible:
- 25. Name: Items: & Edible:
- 26. Name: Items: & Edible:
- 27. Name: Items: & Edible:
- 28. Name: Items: & Edible:
- 29. Name: Items: & Edible:

SPRINT PLAN

- What needed to be included?
 - Front-end
 - Back-end
 - Testing x3
 - SonarQube
- What did you hope to achieve?

CONSULTANT JOURNEY

- So what have I learnt?
 - HTML
 - Javascript
 - CSS
 - Spring
 - SonarQube
 - Selenium



CONTINUOUS INTEGRATION

- Version control:
 - Main
 - Dev
 - Feature branches
 - Testing branches



TESTING

Element	Coverage	Covered Instructions	Missed Instructions	Total Instructions
BM	<div><div></div></div> 94.7 %	698	39	737
> src/test/java	<div><div></div></div> 100.0 %	375	0	375
> src/main/java	<div><div></div></div> 89.2 %	323	39	362

*Let's Make
BoorgorMons*

Gotta Eat 'Em All

Enter Name:

Choose 1st Item

Choose 2nd Item

Are they edible? ☐

Create BM

Clear Fields

*Which BM would
you like to delete?*

Enter id:

Delete BM

Clear Fields

Home

Create

Update

Delete

*Which BM would
you like to update?*

Enter id:

Enter Name:

Choose 1st Item

Choose 2nd Item

Are they edible? ☐

Update BM

Clear Fields

TESTING

☆ BM Passed Last analysis: 29 seconds ago

Bugs	Vulnerabilities	Hotspots Reviewed	Code Smells	Coverage	Duplications
1 C	2 D	0.0% E	12 A	0.0% 	0.0%

☆ BM Passed Last analysis: 19 seconds ago

Bugs	Vulnerabilities	Hotspots Reviewed	Code Smells	Coverage	Duplications
1 C	2 D	0.0% E	2 A	0.0% 	0.0%

BM / src/main/java/com/qa/bm/controller/BMController.java

☐

Replace this persistent entity with a simple POJO or DTO object. Why is this an issue?
 Vulnerability Critical Open Not assigned 10min effort [Comment](#)
 cwe, owasp-a5, spring

7 days ago L33

☐

Replace this persistent entity with a simple POJO or DTO object. Why is this an issue?
 Vulnerability Critical Open Not assigned 10min effort [Comment](#)
 cwe, owasp-a5, spring

7 days ago L52

BM / src/main/java/com/qa/bm/domain/BM.java

☐

Refactor this method to reduce its Cognitive Complexity from 23 to the 15 allowed.
Why is this an issue?
 Code Smell Critical Open Not assigned 13min effort [Comment](#)
 brain-overload

yesterday L104

BM / src/main/java/com/qa/bm/service/BMServiceDB.java

☐

Call "optionalBM.isPresent()" before accessing the value. Why is this an issue?
 Bug Major Open Not assigned 10min effort [Comment](#)
 cwe

1 minute ago L40

☐

Declare this local variable with "var" instead. Why is this an issue?
 Code Smell Info Open Not assigned 0min effort [Comment](#)
 java10

1 minute ago L40

5 of 5 shown

DEMONSTRATION

As a user, when I press the "Create" button, then an BM is created with the relevant details



Done ▾

✓ Done

Description

- Given I'm a user
 - and I am on the create page,
- When I press "Create",
 - After choosing a name and 2 items,
- Then a BM will be created and popup will appear telling me a BM was created.

As a user, when I press the "Update" button, then I am able to update a BM



Done ▾

✓ Done

Description

- Given I'm a user
 - and I am on the update page,
- When I press "Update",
 - as well as the relevant information
- Then the relevant BM will be updated.

As a user, when I press the "Delete" button, then the BM I want deleted is deleted



Done ▾


✓ Done


Description


- Given I'm a user
 - and I am on the delete page,
- When I press "Delete",
 - after entering in an id
- Then the BM with that ID is deleted.


SPRINT REVIEW


Epic


>  PP-15 Frontend


>  PP-17 Backend

>  PP-28 Integration Testing

>  PP-51 Unit Testing

>  PP-36 Frontend Testing

>  PP-46 Other


>  PP-45 Extra

+ Create Epic


Backlog 1 issue

Create sprint

...

 Add images for each type

Stretch Goals

PP-29 

4

SPRINT RETROSPECTIVE

Backlog 14 issues		Create sprint	...
Test create	Integration Testing	PP-30	↑ 2
Test getAll	Integration Testing	PP-31	↑ 2
Test delete	Integration Testing	PP-32	↑ 2
Test update	Integration Testing	PP-33	↑ 2
Test navigation home page	Frontend Testing	PP-44	↑ 1
Test navigation update page	Frontend Testing	PP-37	↑ 1
Test navigation delete page	Frontend Testing	PP-38	↑ 1
Test create	Frontend Testing	PP-39	↑ 2
Test update	Frontend Testing	PP-40	↑ 2
Test delete	Frontend Testing	PP-41	↑ 2
Test view all	Frontend Testing	PP-42	↑ 1
Test created alert	Frontend Testing	PP-43	↑ 3
SonarQube	Other	PP-35	↑ 2
Add images for each type	Stretch Goals	PP-29	↑ 4

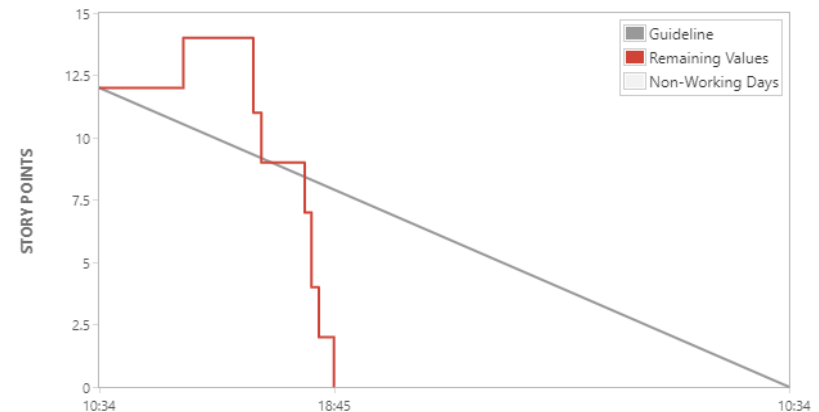
Sprint Report

PP Sprint 8

[Run retro](#)

Closed sprint, ended by [Jordan](#) 13/May/21 10:34 AM - 13/May/21 6:45 PM

[View linked pages](#)



CONCLUSION

- Project is a success
 - Room for improvement
 - Immensely pleased with the outcome
 - Important to know when to walk away
- Looking forward to what comes next