Project Unit

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P1- Screenshot of the contributors page on Github
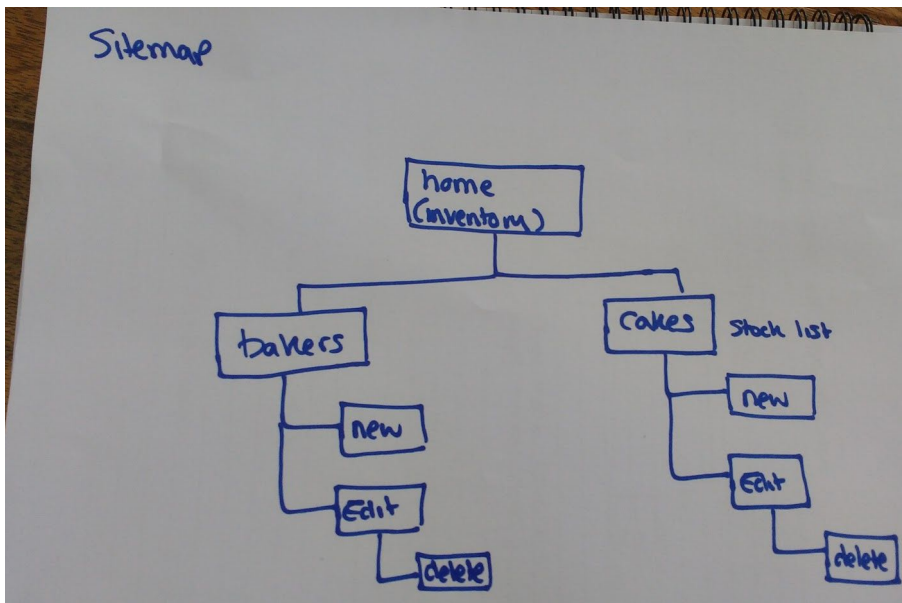
P2 - Screenshot of the project brief from your group project

P3 - Planning you completed during your group project
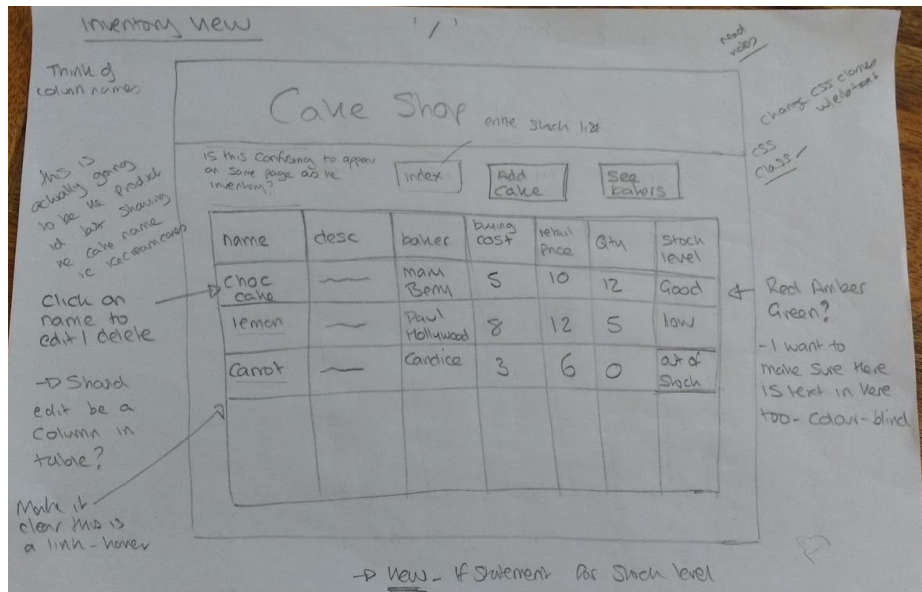
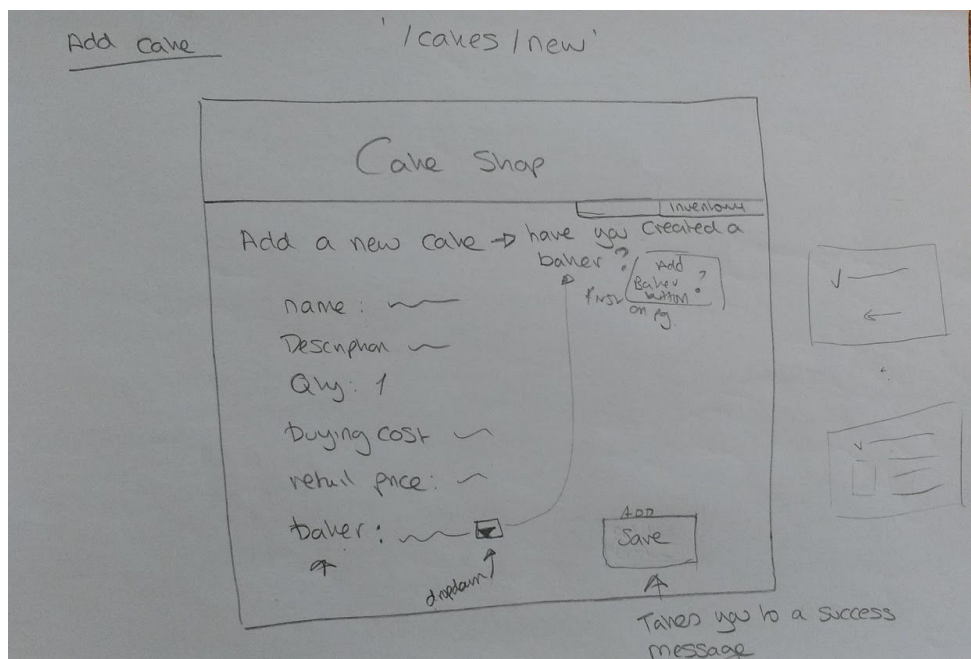**P4 - Acceptance criteria and test plan**

P5 - Sitemap

For cake shop app:

P6 - Wireframes

Cake shop - inventory view:

Inventory View

Think of column names.

This is actually going to be producing it... but showing it cake name ie iceCreamName

Click on name to edit / delete

→ Should edit be a column in table?

Make it clear this is a link - hover

Is this confusing to appear on same page as the inventory?

Cake Shop — entire stock list

Index | Add Cake | See bakers

Change CSS / classes width element
CSS / Class !

Red Amber Green?
- I want to make sure there is text in here too - colour-blind

→ New - If Statement for Stock level

name	desc	baker	buying cost	retail price	Qty	Stock level
Choc cake	—	Mam Berry	5	10	12	Good
lemon	—	Paul Hollywood	8	12	5	low
Carrot	—	Candice	3	6	0	out of Stock

Cake shop - new cake view:

Add cake   '/cakes/new'

Cake Shop

Add a new cake → have you created a baker? → Finish on pg
Add Baker within?

Inventory

name: 〜
Description 〜
Qty: 1
buying cost 〜
retail price: 〜
baker: 〜 ☑
dropdown

Save

Takes you to a success message

P7- Two system interaction diagrams

P8- Two object diagrams

P9 - Two algorithms you have written

P10 - Pseudocode for a function

```
# Method for Stock Level
def stock_level()
# If quantity is greater than 8 return green
# If quantity is greater than 3 and quantity
is less than or equal to 7 return amber
# Otherwise return red
  if @quantity >= 8
    return "green"
  elsif @quantity >=3 && @quantity <=7
    return "amber"
  else
    return "red"
  end
end
```
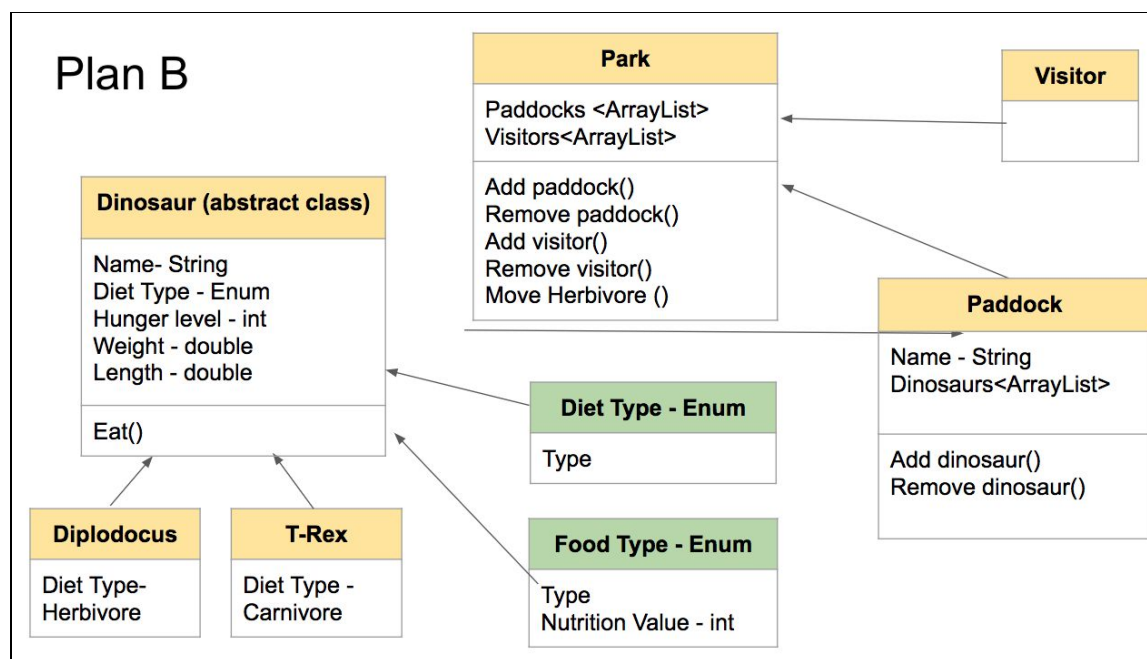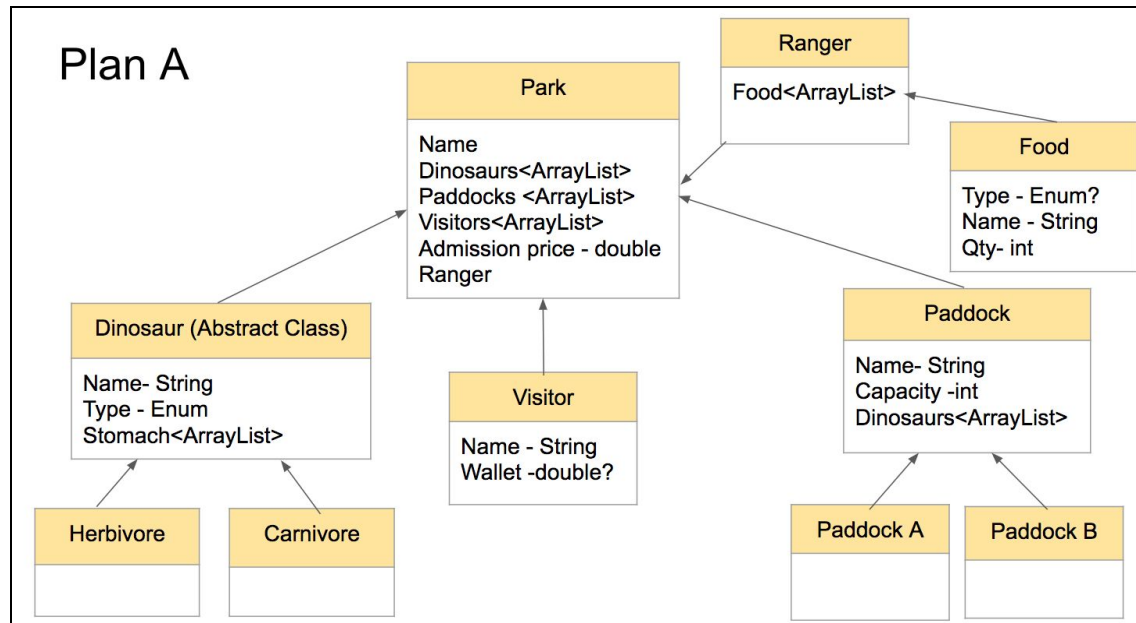
P11 - Screenshot of project on GitHub:

https://github.com/sarahmurphy86/Jurassic_Park_Java_Project

P12 - Planning changes

Plan A

Ranger
Food<ArrayList>

Park
Name
Dinosaurs<ArrayList>
Paddocks <ArrayList>
Visitors<ArrayList>
Admission price - double
Ranger

Food
Type - Enum?
Name - String
Qty- int

Dinosaur (Abstract Class)
Name- String
Type - Enum
Stomach<ArrayList>

Visitor
Name - String
Wallet -double?

Paddock
Name- String
Capacity -int
Dinosaurs<ArrayList>

Herbivore

Carnivore

Paddock A

Paddock B

Plan B

Park
Paddocks <ArrayList>
Visitors<ArrayList>

Add paddock()
Remove paddock()
Add visitor()
Remove visitor()
Move Herbivore ()

Visitor

Dinosaur (abstract class)
Name- String
Diet Type - Enum
Hunger level - int
Weight - double
Length - double

Eat()

Paddock
Name - String
Dinosaurs<ArrayList>

Add dinosaur()
Remove dinosaur()

Diet Type - Enum
Type

Food Type - Enum
Type
Nutrition Value - int

Diplodocus
Diet Type-
Herbivore

T-Rex
Diet Type -
Carnivore

Final Plan:

P13 - user input being processed

User inputting a baker name into the program

User input saved and displayed in the Baker List

P14 - Interaction with data persistence

Edit existing data

| ← → C | ① localhost:4567/bakers/3 | | | | | ☆ | ⋮ |

| | Home Page | Stock List | Add Cake | Baker List | Add Baker |

Sarah Murphy

Edit Sarah Murphy

Delete Sarah Murphy
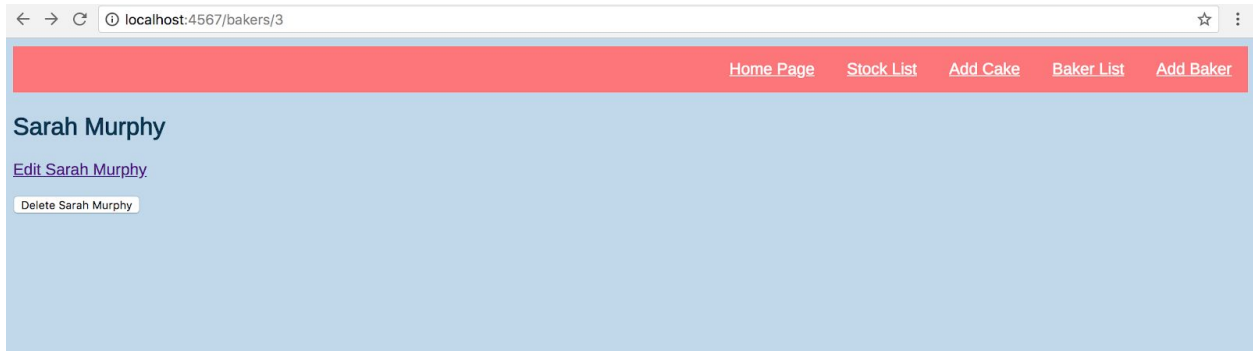
Data being updated in the program

| ← → C | ① localhost:4567/bakers/3/edit | | | | | ☆ | ⋮ |

| | Home Page | Stock List | Add Cake | Baker List | Add Baker |

Baker Name: Sarah Murphy2   Save Changes

Confirmation of the data being saved - ie new name showing on baker list

| ← → C | ① localhost:4567/bakers | | | | | ☆ | ⋮ |

| | Home Page | Stock List | Add Cake | Baker List | Add Baker |

Baker List

Baker Name	Quick Delete
Mary Berry	Delete Mary Berry
Paul Hollywood	Delete Paul Hollywood
Sarah Murphy2	Delete Sarah Murphy2

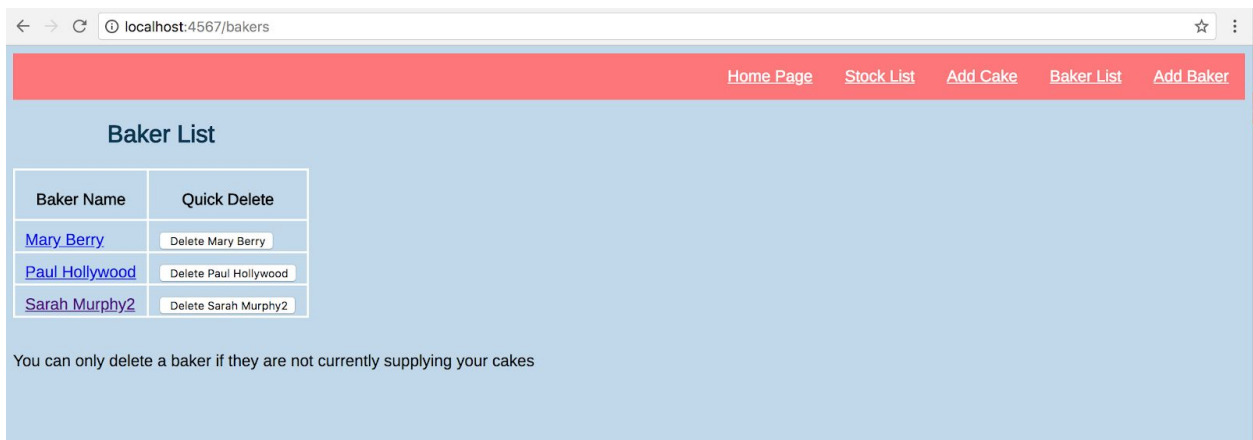You can only delete a baker if they are not currently supplying your cakes

P15 - correct output of results and feedback to user
Inventory screen showing cake list

Cake shop inventory

Name	Description	Baker	Cake Type	Buying Cost	Retail Price	Amount in Stock	Markup
Lemon Drizzle	Delicious lemon sponge soaked in zesty lemon sugar	Mary Berry	Classic Sponge	5	8	10	3
Chocolate	Tasty chocolate sponge covered in a thick dark chocolate icing	Paul Hollywood	Birthday Cake	8	10	3	2
Carrot Cake	Tasty carrot cake with cream cheese icing	Paul Hollywood	Birthday Cake	10	15	12	5

User selects delete cake:

Carrot Cake

Description: Tasty carrot cake with cream cheese icing

Baker Name: Paul Hollywood

Cake Type: Birthday Cake

Buying Cost: 10

Retail Price: 15

Quantity: 12

Edit Carrot Cake

Delete Carrot Cake

User gets message to say cake has been deleted:

← → C   ⓘ localhost:4567/cakes/4/delete   ☆   ⋮

You have successfully deleted the cake!

Cake no longer displayed in inventory:

P17 - Produce a bug tracking report

P18 - Testing Code in your programme