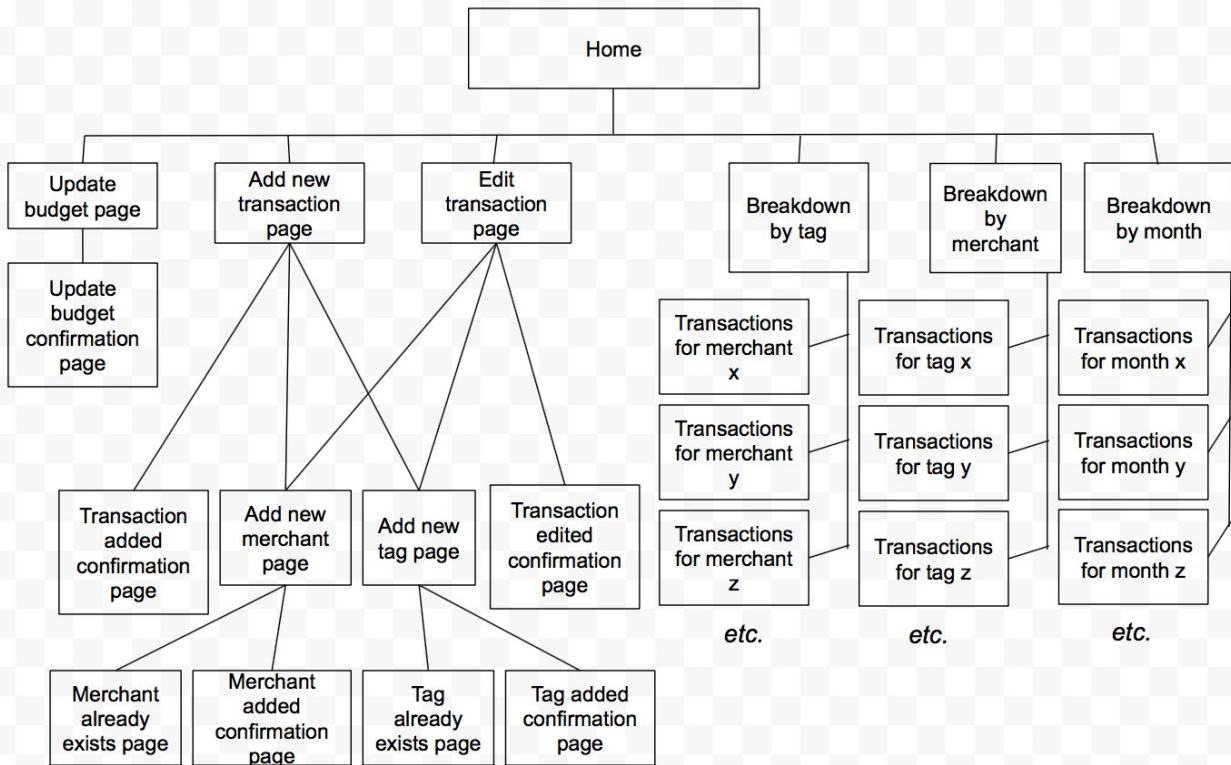


Evidence for Project Unit

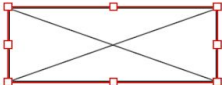
Rachel Johnson

E19

P. 5 User sitemap




P. 6 Wireframes

HOME  ADD NEW

Total spend: **TOTAL**

Merchant	Tag	Amount
		<i>total</i>

HOME  ADD NEW

Enter date of transaction:

Enter amount spent:

Select merchant:

Merchant not listed? Add a new one:

Select tag:

Tag not listed? Add a new one:

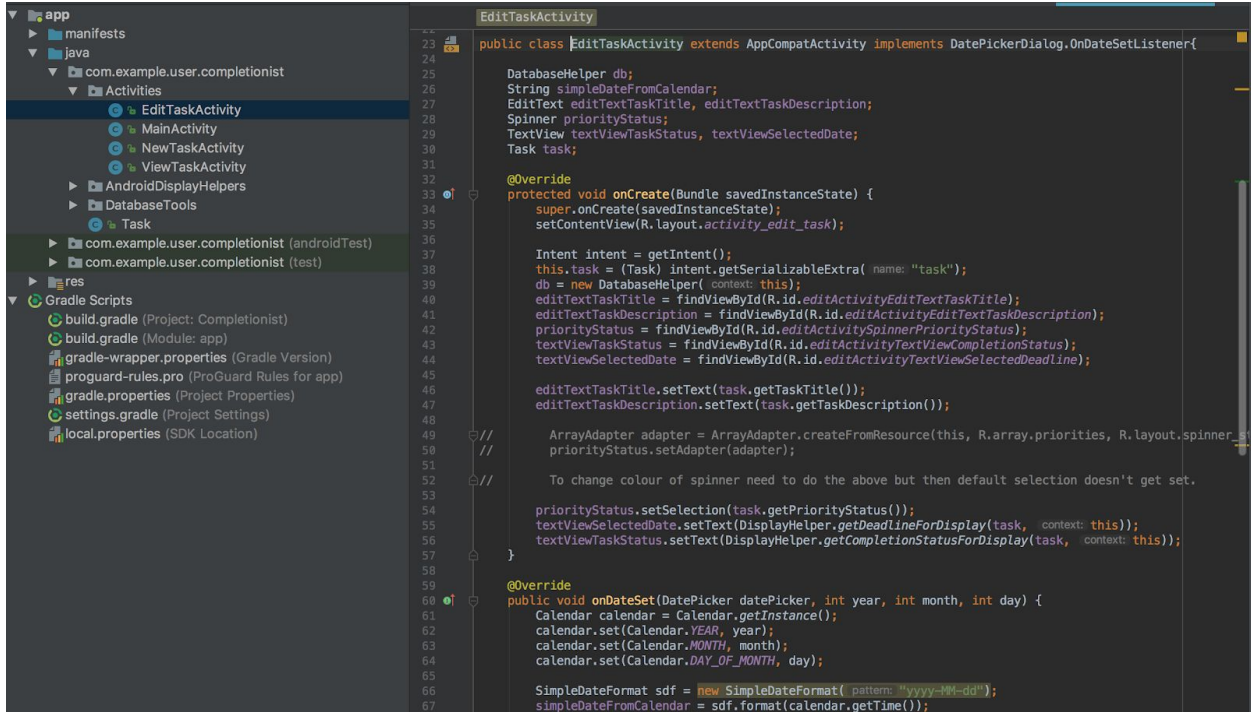
Add transaction

P. 10 Pseudocode for a function

```
1 function to find all transactions with a given merchant
2     find all transactions from the transactions table where the merchant_id in the table is the same as the id of the merchant in question
3     return this selection as an array of transactions where the transactions are ordered by transaction date
4 end
```

P. 11 Project I have worked alone on

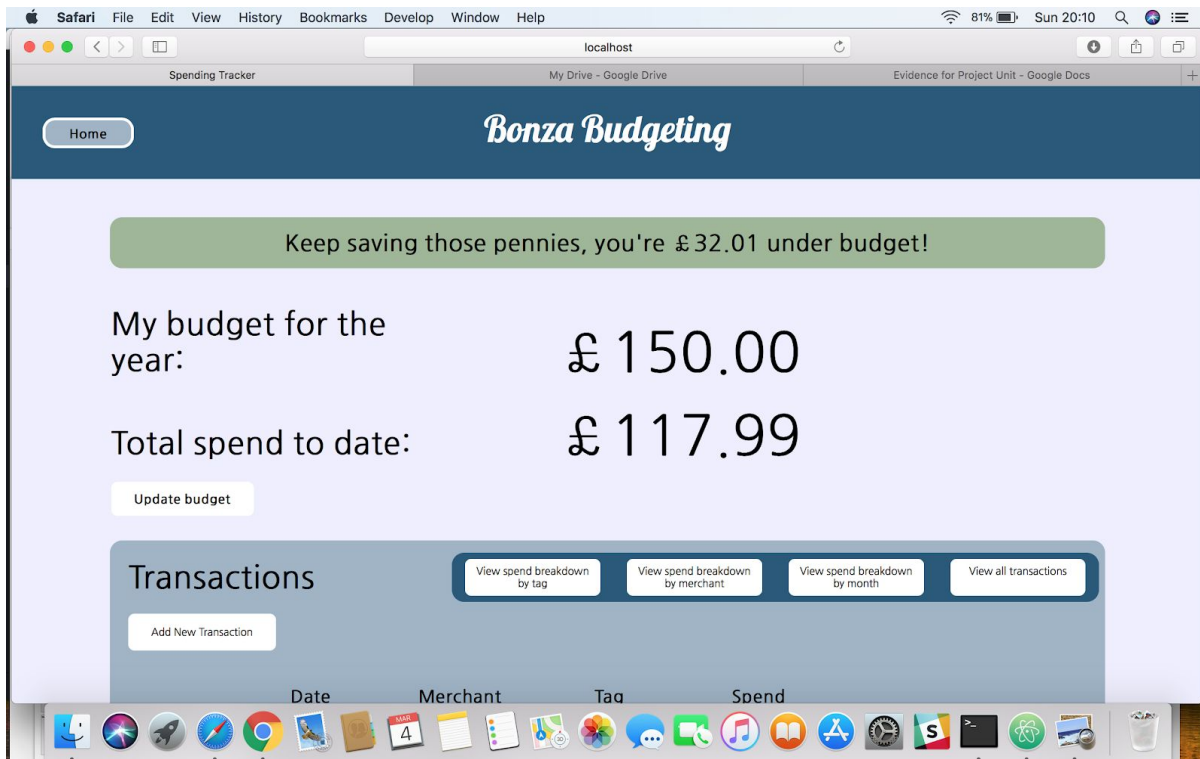
Screenshot:



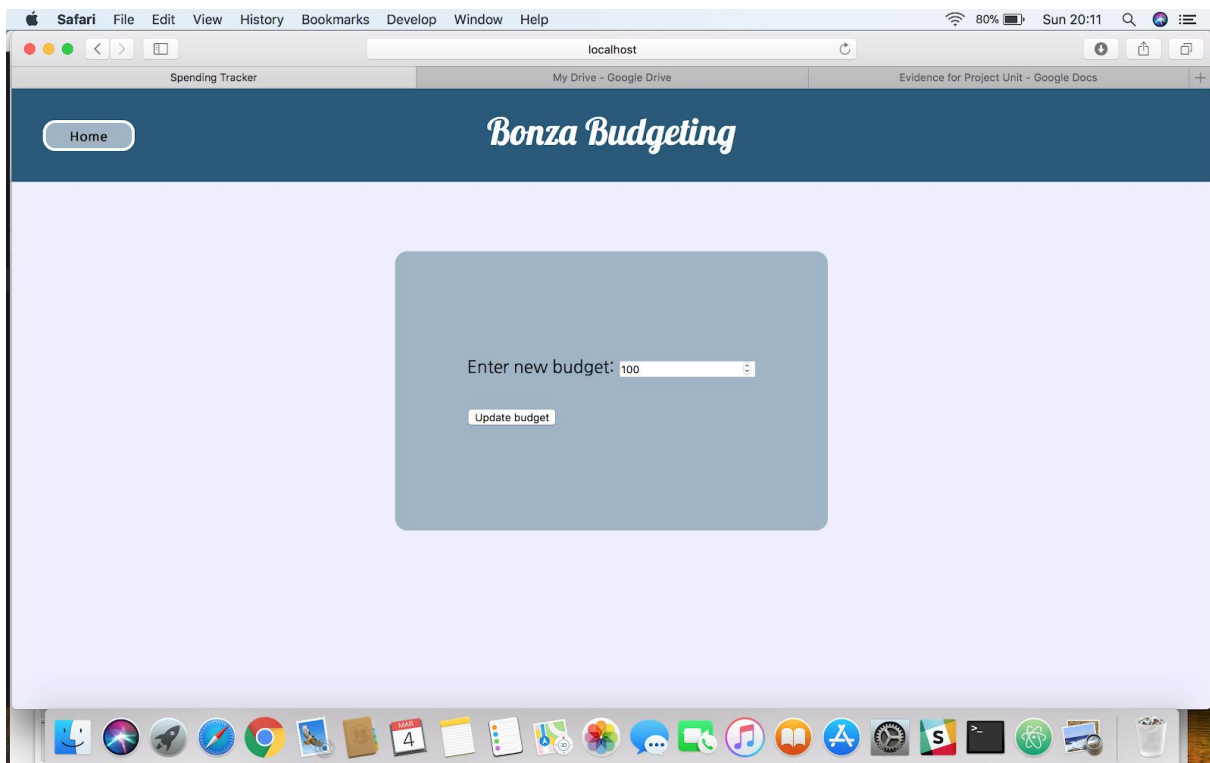
Github link: https://github.com/rach-i/project_2_to_do_list.git

P.13 User input

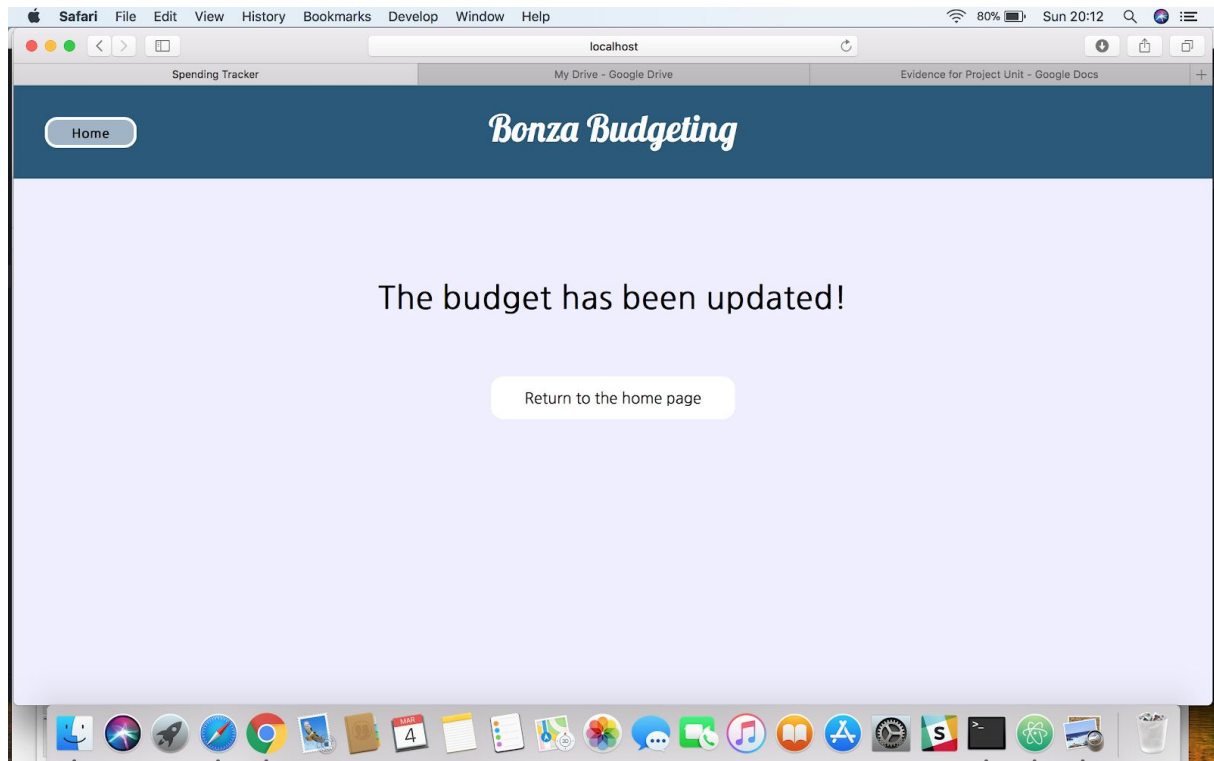
Original page. User clicks to update budget:



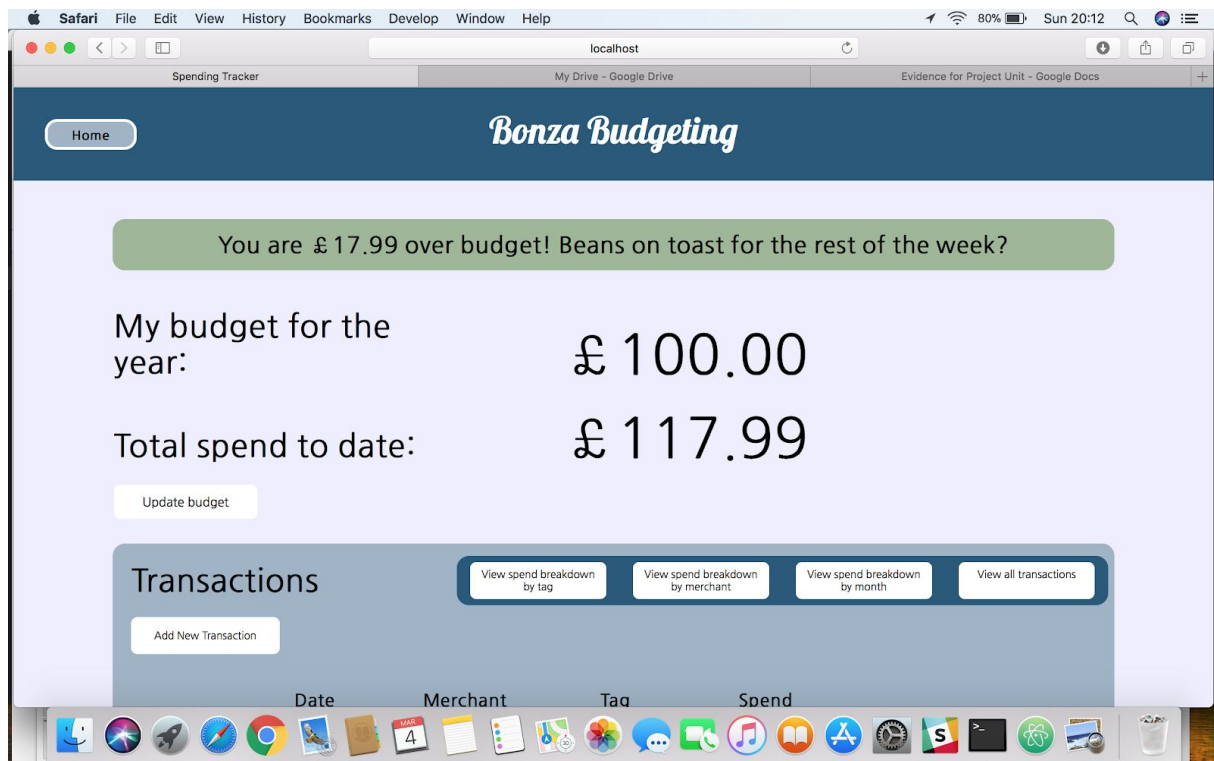
User updates budget:



Confirmation page is generated:



Home page now shows updated budget and budget message:



P. 14 Interaction with data persistence

Original transactions:

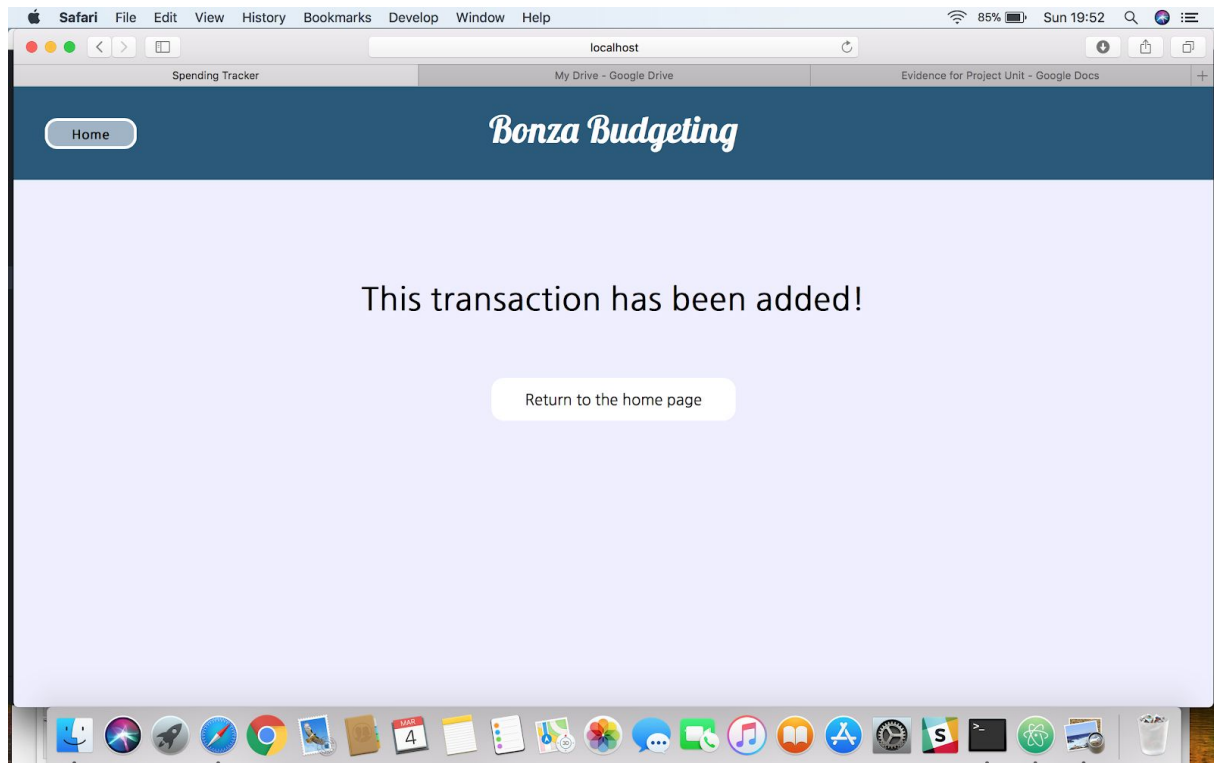
The screenshot shows the Bonza Budgeting application interface. At the top, there's a navigation bar with a 'Home' button and the app name 'Bonza Budgeting'. Below this, there's a 'Transactions' section with a button to 'Add New Transaction'. To the right of the 'Add New Transaction' button are four buttons: 'View spend breakdown by tag', 'View spend breakdown by merchant', 'View spend breakdown by month', and 'View all transactions'. Below these buttons is a table of transactions with columns: Date, Merchant, Tag, Spend, Edit, and Delete. The table contains six transactions, and the total spend is £104.00.

Date	Merchant	Tag	Spend	Edit	Delete
23/02/2018	ASOS	Clothing	£55.00	Edit	Delete
11/02/2018	Tesco	Groceries	£23.50	Edit	Delete
11/02/2018	Odeon	Entertainment	£5.00	Edit	Delete
11/02/2018	ASOS	Clothing	£5.00	Edit	Delete
09/01/2018	Odeon	Entertainment	£10.50	Edit	Delete
09/01/2018	Tesco	Clothing	£5.00	Edit	Delete
			£104.00		

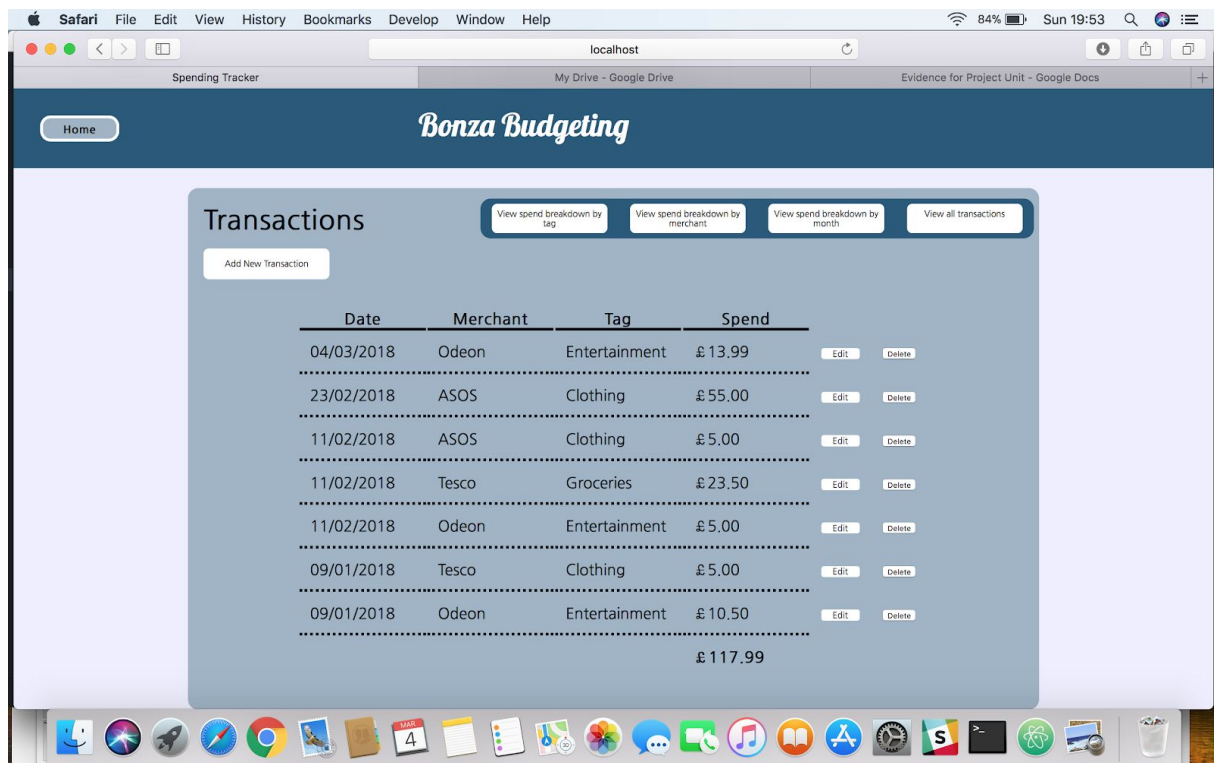
User adds new transaction:

The screenshot shows the Bonza Budgeting application interface with the 'Add New Transaction' form. The form has two sections. The top section is for adding new merchants and tags, with buttons 'Add a new merchant' and 'Add a new tag'. The bottom section is for adding a new transaction, with fields for 'Enter date of transaction:' (04/03/2018), 'Enter amount spent:' (13.99), 'Select Merchant:' (Odeon), and 'Select Tag:' (Entertainment). There is an 'Add transaction' button at the bottom of the form.

Page is generated confirming transaction is saved:



New transaction now shows in list of transactions recorded:



P.15 User output result

User clicks on 'view spend breakdown by tag' button:

Home

Bonza Budgeting

Transactions

View spend breakdown by tag View spend breakdown by merchant View spend breakdown by month View all transactions

Add New Transaction

Date	Merchant	Tag	Spend		
23/02/2018	ASOS	Clothing	£55.00	Edit	Delete
11/02/2018	Tesco	Groceries	£23.50	Edit	Delete
11/02/2018	Odeon	Entertainment	£5.00	Edit	Delete
11/02/2018	ASOS	Clothing	£5.00	Edit	Delete
09/01/2018	Odeon	Entertainment	£10.50	Edit	Delete
09/01/2018	Tesco	Clothing	£5.00	Edit	Delete
			£104.00		

A page detailing the total spend split by tag is generated:

Home

Bonza Budgeting

Total spend to date: £104.00

Split by tag

View spend breakdown by tag View spend breakdown by merchant View spend breakdown by month View all transactions

Add New Transaction

Tag	Spend	Percentage of total spend	
Groceries	£23.50	22.60%	View transactions
Clothing	£65.00	62.50%	View transactions
Entertainment	£15.50	14.90%	View transactions
	£104.00	100.00%	