



INFORMATICS  
INSTITUTE OF  
TECHNOLOGY

INFORMATICS INSTITUTE OF  
TECHNOLOGY In Collaboration with  
UNIVERSITY OF WESTMINSTER

**Mobile Native Application  
Development Self-Evaluation Report**

**For**

**Coursework II**

**By**

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## User Requirements

- R1: The software shall allow the user to create a new category. - **Done**
- R2: The software shall allow the user to create one or more expenses for a category. - **Done**
- R3: The user shall allow the user to be able to edit/delete a category. - **Done**
- R4: The user shall allow the user to be able to edit/delete an expense. - **Done**
- R5: The software shall allow the user to set a reminder for an expense of an that occurs in the future in the calendar app. - **Done**
- R6: The software shall allow the user to sort the categories alphabetically (AZ). - **Done**

## System Requirements

- RS1: The software shall place the due date of an expense in the Calendar app (if set by the user). - **Done**
- RS2: The software shall give a graphical indication of the current expense as proportion of overall budget for a given category. - **Done**
- RS3: The software shall give a graphical indication of the total expenses as a function of the overall budget for a selected category. - **Done**
- RS4 The software shall show the four highest expenses for a given category as a pie chart. - **Done**
- RS5 The software shall show the remaining expenses in a pie chart (so those not listed in RS4) for a given category as a single segment. - **Done**
- RS6 The software shall show the total budget, Amount Spent, and Amount Remaining for a given category. - **Done**
- RS7 By default, the software shall sort the categories by most often selected. - **Done**

## Non Functional Requirements

- NF1: The software shall adhere to Apple design guidelines as regards fonts and layout and general usability. – **Done** (satisfied by my point of view)
- NF2: All user data shall be persistent using core data. - **Done**
- NF3: The software shall be intuitive and simple to use. – **Done** (satisfied by my point of view)

## Screenshots of the App

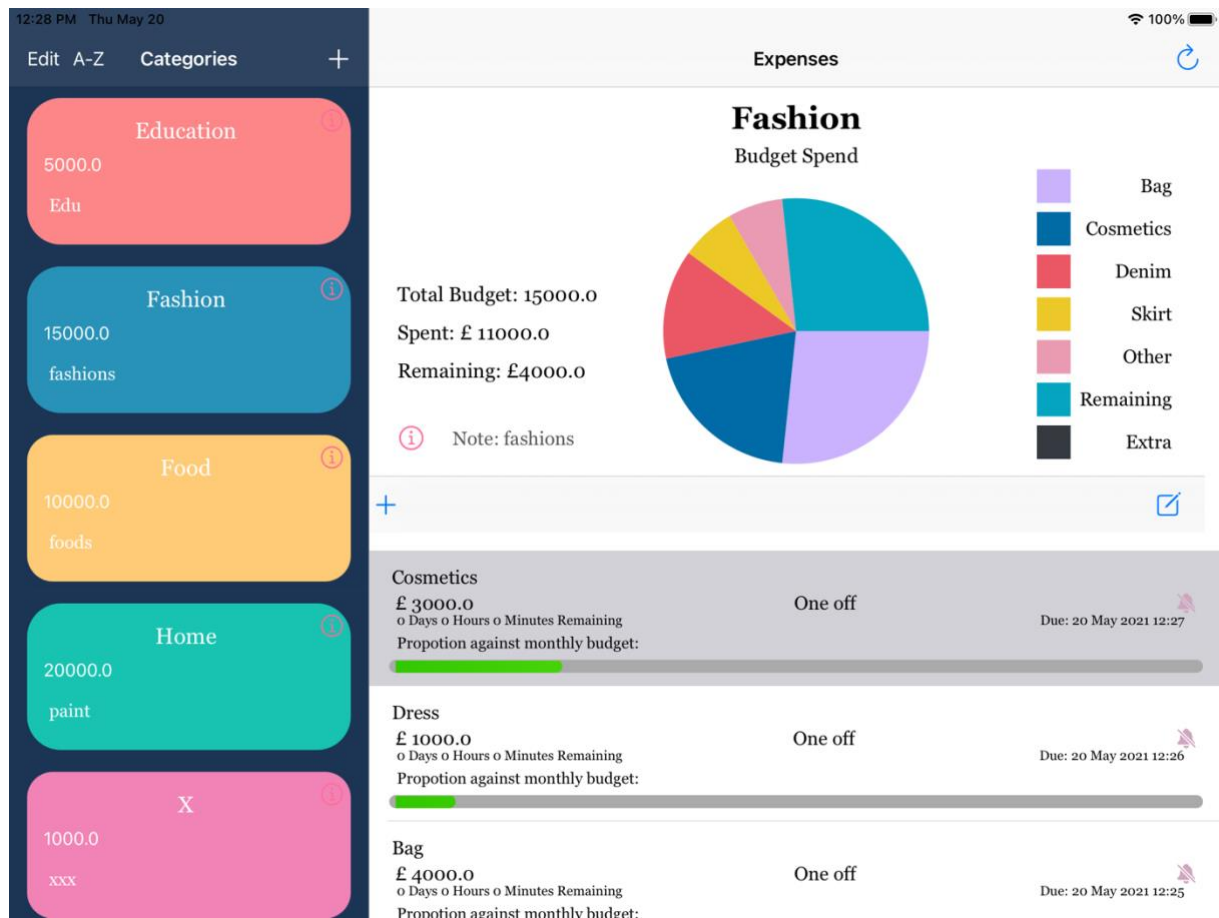
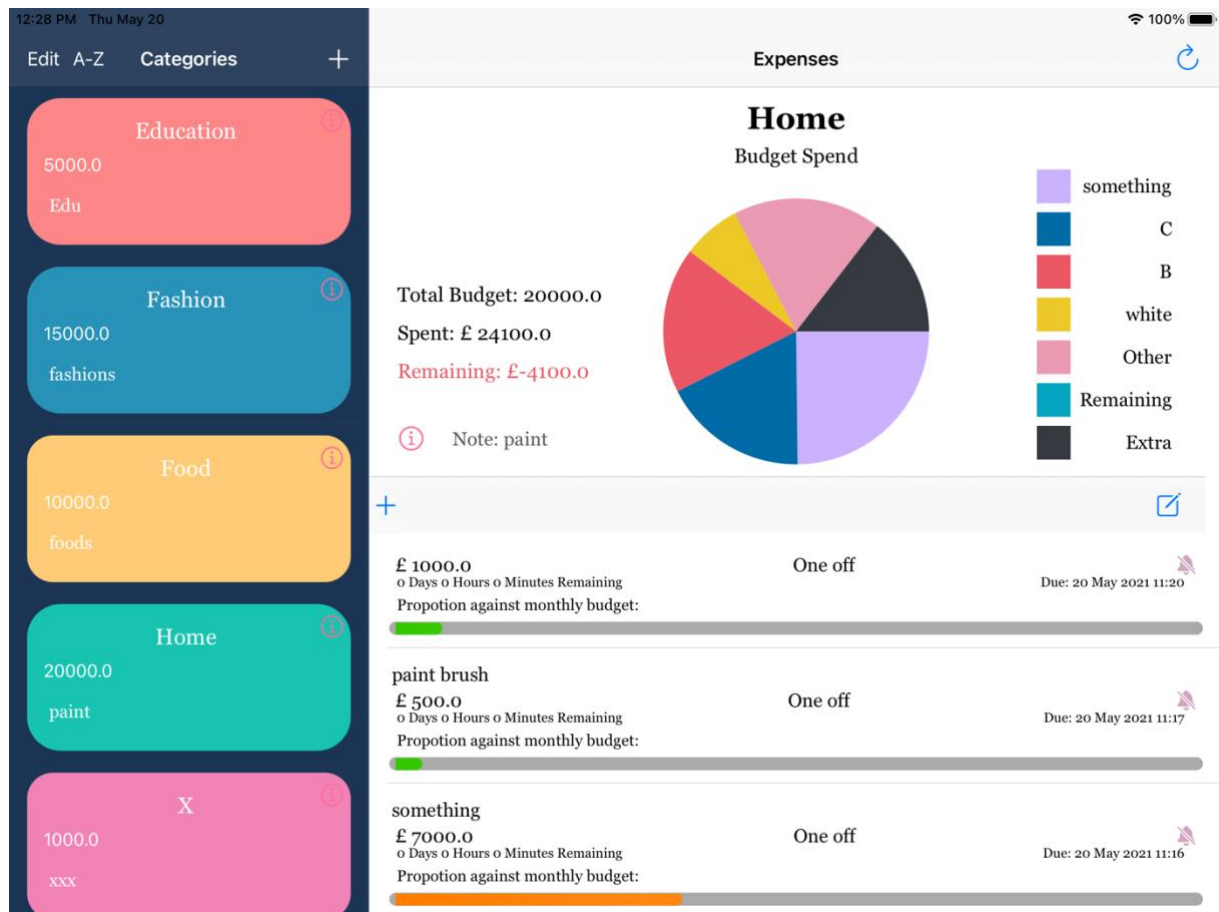


Figure 1



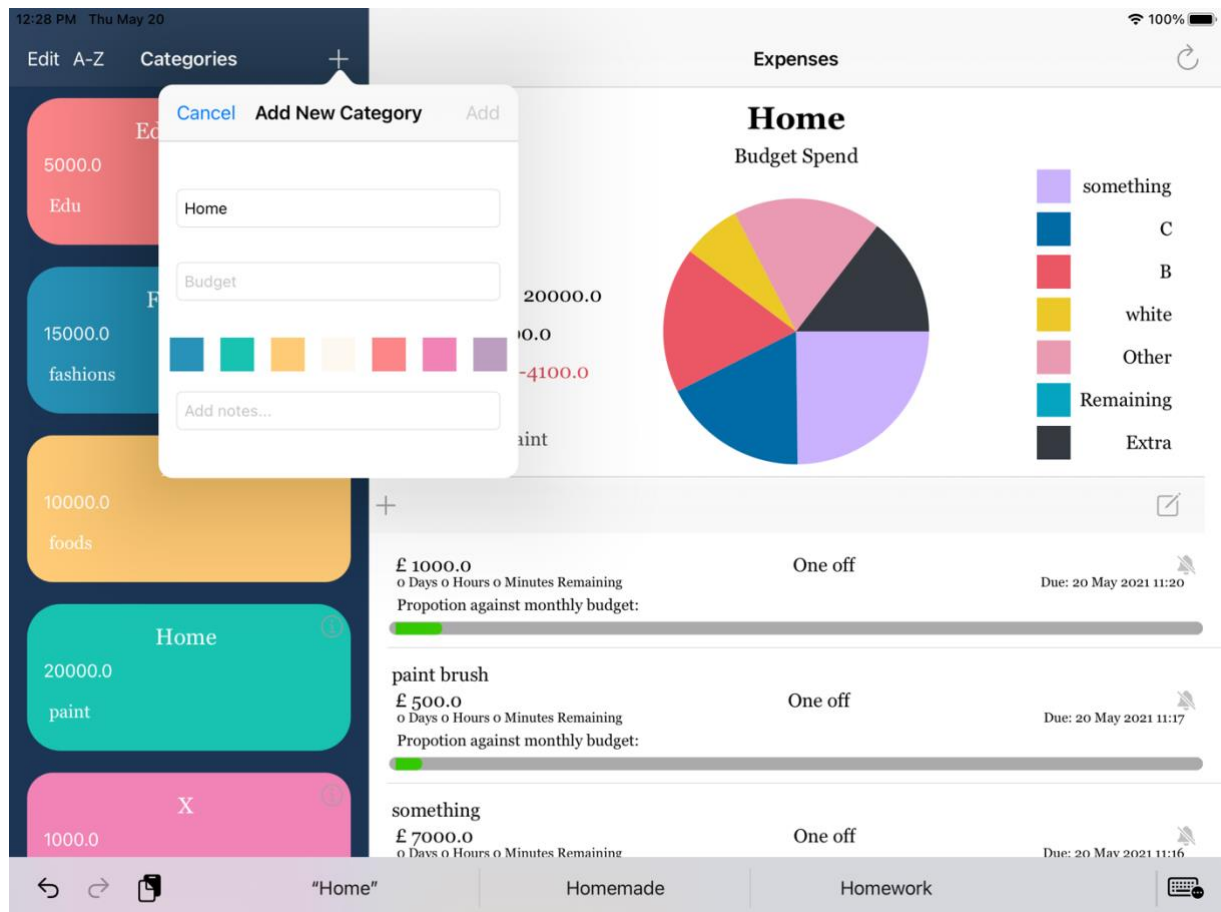


Figure 3

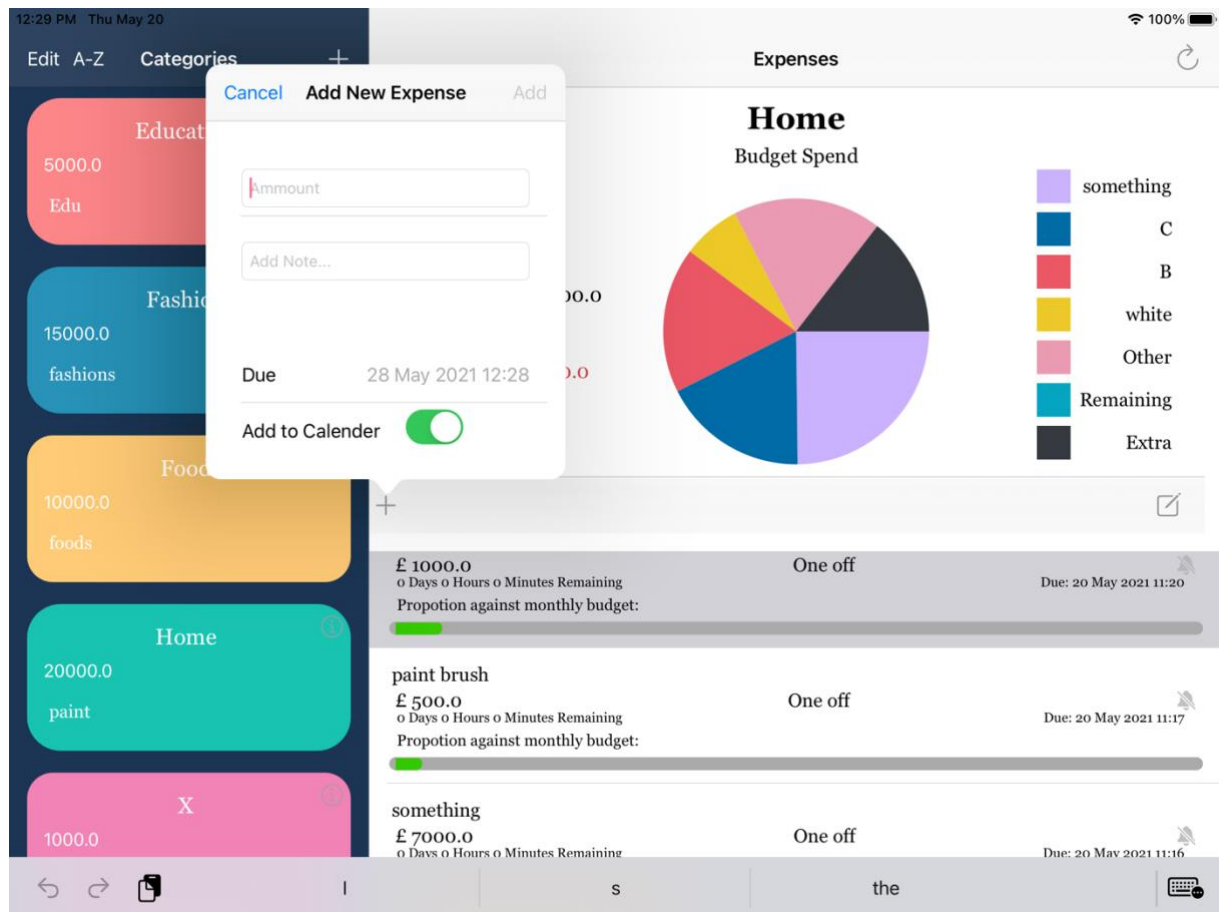


Figure 4

## Demonstration Video

Link: <https://youtu.be/HmwnoVJkqE>

## Marking Scheme

#	Criteria	Max Marks	Self-evaluated Marks
R1	The software shall allow the user to create a new category.	10	10
R2	The software shall allow the user to create one or more expenses for a category	10	10
R3	The user shall allow the user to be able to edit/delete a category	5	3
R4	The user shall allow the user to be able to edit/delete an expense.	5	3
R5	The software shall allow the user to set a reminder for an expense of an that occurs in the future in the calendar app.	5	5
R6	The software shall allow the user to sort the categories alphabetically (AZ)	5	5
RS1	The software shall place the due date of an expense in the Calendar app (if set by the user).	10	10
RS2	The software shall give a graphical indication of the current expense as proportion of overall budget for a given category.	5	5
RS3	The software shall give a graphical indication of the total expenses as a function of the	20	20

	overall budget for a selected category		
RS4	The software shall show the four highest expenses for a given category as a pie chart	0	0
RS5	The software shall show the remaining expenses in a pie chart (so those not listed in RS4) for a given category as a single segment	0	0
RS6	The software shall show the total budget, Amount Spent, and Amount Remaining for a given category.	5	5
RS7	By default, the software shall sort the categories by most often selected.	10	10
NF2	All user data shall be persistent using core data	10	10
	<b>Total</b>	<b>100</b>	<b>96</b>