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# **Student Expense Tracker and** Manager

MCS 2613; Assignment 6

### Task Backlog (before planning)

	⊕ 8 issues Estimate 0
Backlog 13 issues	Create sprint •••
■ Viewing balances	SETM-14 1 -
Add feature to edit expenses	SETM-15 ↑ □
Allow user to create multiple accounts	SETM-16 ↑ □
Allow user to access account information	SETM-17 ↑ .
Allow user to set initial balance	SETM-18 1
Display total amount of balance	SETM-19 ↑ □
Allow user to create budgets	SETM-20 1
■ Display history of changes in balance	SETM-21 ↑ .
Setup user security	SETM-22 ↑ .
☐ Create expense categories	SETM-23 ↑
Create revenue categories	SETM-24 1
■ Grouping expenses	SETM-25   SETM-25
Allow user to contact support	SETM-26 ↑ (-)
+ Create issue	

### **Availability Calculations**

Team: 3 People

Capacity per day: 2 hours

Duration of Sprint: 1 week (5 days)

Total Capacity = (3 \* 2 \* 10) = 30 Hours

Focus Factor (F.F.) = 0.6

**Real Capacity** = 30 \* 0.6 = 18 Hours

### Sprint Goal

Create GUI for dashboard, account management and Income/Expense Categories.

# Sprint Backlog



# Task Backlog (After Planning)

	△ Oinne Feine
	Sissues Estimate 0
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■ Setup user security	SETM-22 ↑ .
■ Create expense categories	SETM-23 1 -
☐ Create revenue categories	SETM-24 1 -
■ Grouping expenses	SETM-25 ↑ -
Allow user to contact support	SETM-26 ↑ -
+ Create issue	

### Scrum Meeting

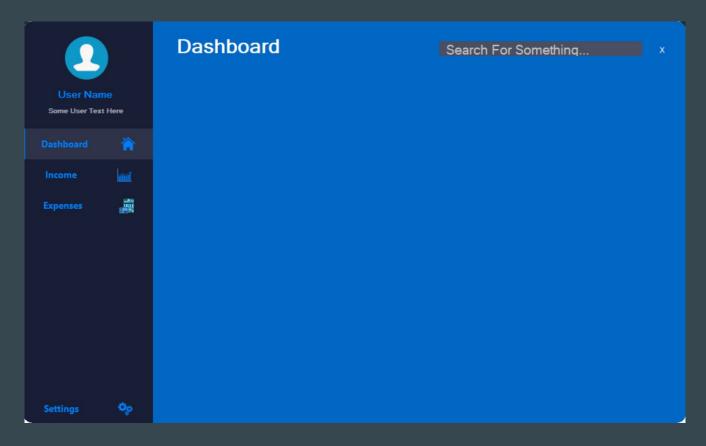
Our team scrum meeting outlines the target tasks for the day and implementing the GUI design. Communication was mostly verbal and we expect to fully set up the GUI by the end of the sprint.

### Test Plan

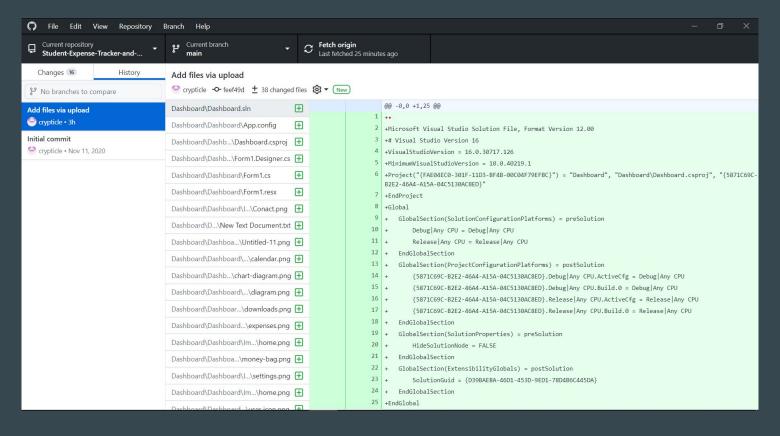
#### Test Cases

User Function	User Function	Expected	Self-Testing	Notes
Name	Description	Results	Results	
Set up Windows	Upon opening	The application	Application was	Sprint 1
Form	the application,	directs user to	able to display	
	buttons will be	the dashboard	graphics aside	
	generated along	from start.	but cannot move	
	with the rest of	A1 (350 14 ) 1.5 (10 A4) 14 (3 A 13 10 A1) (45 (45 4)	window	
	the design			
	interface			
Create Tabs	Create button	The buttons are	Tabs are	Sprint 1
	tabs for the	in the left	displayed	-
	application to	column of the	correctly with	
	allow the users	application and	the right titles	
	to switch	is clickable.		
	between tasks.			
Animate when a	Upon clicking a	Switching	Currently	Sprint 1
tab is clicked	button tab an	between tabs	selected tabs are	
	animation will	will play an	highlighted	
	display that	animation one	when clicked.	
	notifies the user	tab at a time.		
	that the tab is			
	selected			

# **UX Mockup**



### **Version Control Code Changes**



### Final Sprint Backlog



# Remaining Backlog

Backlog 16 issues	Create sprint •••
☐ Setup user accounts	SETM-13 🕈 🔒
☐ Display empty balance GUI	SETM-27 🕇 🕒
□ Create expense and revenue GUI	SETM-29 ↑
■ Viewing balances	SETM-14 🕇 🕞
☐ Add feature to edit expenses	SETM-15
Allow user to create multiple accounts	SETM-16 🐧 🔝
■ Allow user to access account information	SETM-17 \uparrow 🕞
☐ Allow user to set initial balance	SETM-18 🕇 🗔
Display total amount of balance	SETM-19 ↑
☐ Allow user to create budgets	SETM-20 ↑
Display history of changes in balance	SETM-21 ↑
Setup user security	SETM-22 ↑
☐ Create expense categories	SETM-23 ↑
□ Create revenue categories	SETM-24 ↑
☐ Grouping expenses	SETM-25 ↑
Allow user to contact support	SETM-26 ↑

### **Sprint Retrospective**

#### Good:

- Initial UX design completed
- Repositories, etc were established
- Generating tasks within the backlog.

#### Bad:

- Team communication was not performed efficiently
  - Team availability was not evaluated properly
- Difficulties in assigning tasks to member and priorities.