Debre Berhan University

College of Computing

Department of Computer Science

Course: **CoSc4083 – Mobile Application Development**

Assessment 3: **App Development Project – 3**

Last Commit: Friday, April 14, 17:30 EAT

Group: _____

Name	ID
_____	_____
_____	_____
_____	_____
_____	_____

Instruction:

- ➢ Work in group
- ➢ Develop a mobile /android/ app a simple POS machine app that use a SQLite database as a data store.
- ➢ Create a github repository and publish your project.
- ➢ Every member of the group should contribute at the same time in different part of the project
- ➢ Invite the github user "chalewt" /Chalew Tesfaye/ as a contributor to your project

Evaluation:

Criteria	Weight	Score
User Interface (UX/UI)	5	
Validity and passing the given test case	10	
Git commit and contribution	5	
Total:	20	

Task: You have been tasked with developing a POS machine application that contains two activities, one for item registration and the other for conducting sales.

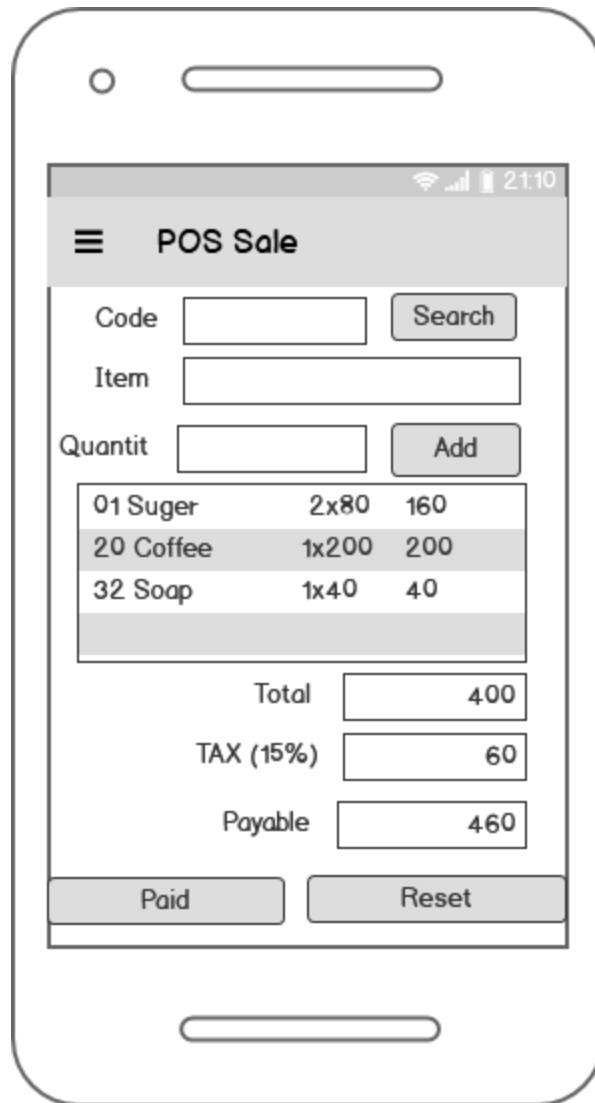*Figure 1: POS Item registration UI mock*

Figure 2: POS - Sale UI mock

Expected Operation: The POS machine will be expected to perform:

> ➤ Register item to local SQLite database
> ➤ Provide interface to search an item with code and list the item to the cart and calculate the subtotal, tax and total.
> ➤ When the sales completed with paid save the transaction information.
> ➤ (Bonus)Add an activity for sales summary and transaction information and write the appropriate logic code.