



**Strathmore University**

**School of Computing and  
Engineering Sciences**

## **Mobile Application Development CAT 1**

### **My Shopping App**

#### **Background Information**

With an increase of taxation in the country and common household items increasing in prices, there is the need for consumers to properly manage their sources of income to ensure these funds are efficiently channeled to highest priority items. Ensuring customers can budget their expenditure prior to shopping and keep track of how much they are spending and on what, will not only prevent overspending and impulse buying but will also allow customers to plan and even save, for other expenditures that will arise in the month.

#### **Solution: My Shopping App**

The presented mobile application therefore allows for users to keep track of their expenditure on household items throughout the month and year. Users can add details of their purchases onto the app, including the category, description, and price of the item. The date is automatically recorded. Once the user updates their shopping information, they can view all their past shopping items as well as the total amount spent thus far. The total amount acts as a guide to ensure one sticks to their desired budget.

#### **Future Works**

In the future, this app should be able to provide analytical information such as the average monthly spending, the items which cost the most money during a particular time and allow the user to see if they are maintaining their stated budget.

This analytical information will further assist users to efficiently spend their money and cultivate proper spending habits.