

# Project Plan

## Selected Topic

### **uSearch**

uSearch is a product searching application that is meant to allow customers to make better decisions when shopping and make the process fast and efficient. The product/app gives the user the opportunity to search for products. Once searched, it will look for a match and if such product exists it will then extract information of the products such as it's reviews, ratings and suggest similar better alternatives if applicable.

## Project Objectives

### **Primary Objectives**

- Allow user to search for product by their asin.
- Once searched, display information related to the searched product.
- Then, display a group of reviews of the searched product.
- Then, display a group of suggested products and their information.

### **Secondary Objectives**

- Searching functionality to search the products.
- Sorting functionality to sort the products.
- Graphing functionality to connect products.
- Reading functionality to extract useful information from the dataset.
- GUI functionality to display the application.

## Project Roles

### **Shesan Balachandran**

Project manager, Project logs, Product backlogs, Data processing, Abstract data types, Graphing algorithms (including testing and documentation), Main application in the command line

### **Nishanth Raveendran**

Scrum master, Sprint backlogs & Burnout charts, Sorting algorithms (including testing and documentation), Final presentation slides

### **Dananjay Prabakaran**

Meeting minutes, Search algorithms (including testing and documentation)

### **Bill Nguyen**

Front-end design, Android application, Main application with a user Interface