CS 30700 Project Charter – Team 5
SimpleSell

Team Members:
Shivam Bairoliya, Arjun Harbhajanka, Abhi Sharma, Bharat Sachdev, Mihir Abhyankar, Sanjith Pabbisetty

Problem Statement:
In today's world, not everyone knows how to build an app and people are always looking for simpler solutions to deploy their app. SimpleSell provides a simple way for people to kickstart their business on a mobile app with minimal hassle by building a template-based mobile application that can be modified for the businesses' needs. It will be a platform similar to Shopify but focused on the mobile environment.

Project Objectives:
- Build a website to empower independent business owners by developing software that provides online retailers various tools and services for payments, marketing, and customer engagement.
- Develop a system with a special focus on platform versatility which is what will make our software product unique.
- Simplify the process of hosting a business online and offer various customizations to tailor the online platform to the business owner's needs.

Stakeholders:
Users: People looking to deploy an e-commerce app efficiently and with minimal hassle
Developers: Shivam Bairoliya, Arjun Harbhajanka, Abhi Sharma, Bharat Sachdev, Mihir Abhyankar, Sanjith Pabbisetty
Project Coordinator: Calvin Henry
Project Owners: Shivam Bairoliya, Arjun Harbhajanka, Abhi Sharma, Bharat Sachdev, Mihir Abhyankar, Sanjith Pabbisetty

Project Deliverables:
- A web application that produces an Android application for e-commerce with a front end written in React.
- Web-based seller interface that allows for inventory tracking and editing, the backend for which is hosted on and organized using 'this' and Node.
- Outputs a downloadable, template-modifiable Android application that can suit the business's needs.
- An analysis tool that allows the seller to recognize purchase trends, such as which products have been selling in a previous time frame and what products have the most views.