Project Proposal  
Project problem: Small Business online Ordering & Inventory Management System

Problem Overview- Many small businesses till this day still track their inventory manually by pen & paper, emails, phone calls, spreadsheets, etc. This causes a number of human errors and mistakes like having slow or bad customer service, lost sales due to bad inventory, and even underselling products. Our solution to this problem will be to create a website based ordering and inventory system. This will allow business owners to receive orders directly from the web page and the web page itself will automatically track all of the inventory. It will also send live notifications of orders, inventory, and when item stock is running low.

Person 1 Task- Frontend Developer (Andres & Eric)

The Frontend Developer will build the main web page that customers will see (Where to place orders, view our products) This person will also handle the layout, forms, menus, and user interface (HTML). They will also ensure the webpage is mobile friendly. In addition Person 1 will work closely with Person 2 to help connect the forms and database to the backend.

Skills: Programming, teamwork

Person 2 Task- Backend Developer (Alejandro)

The Backend Developer will design the database(Products, inventory, customer orders). Also will write code to handle the orders being placed, inventory updates/notifications, and dashboard. This will ensure real time inventory updates when orders are being placed. Lastly will handle user accounts (Customer login, admin login for staff)

Skills: Programming, Software design

Person 3 Task- IT Development & Project management (Gabriel)

The IT Developer/Project Manager will set up the repository(GitHub) and manage project documentation. This person will also create the Gantt Chart. Deploy the system (Amazon Web Service, or school server). Handles testing and quality assurance(making sure everything is working properly). Coordinating meetings and presentations.

Skills: IT knowledge, leadership.