Team Supreme

Projects Requirements

2/9/2016

General Project outline:

Pagliai's pizza would like to employ our team with a project of making monthly inventory less of a strain and reduce the amount of time taken. Currently it takes approximately three hours to complete the task. With proper instruction of the applications we plan to build we hope to cut down the company’s inventory time in half if not more. Ease of access is a concern of the client and would like the process to be easy as possible with lack of technology background.

What the client wants:

* Count her inventory faster
* Allow updating prices of products fast and easily.
* Find total cost of all products on hand and get figure for accountant

What we suggested:

Linked Scan gun to mobile Application

* We first discussed using a scan gun linked to a mobile application that stores information in a database. This will allow our client to effectively conduct her inventory at a much more rapid pace. With utilizing technology that has proven to be an efficient method of record booking. Also with a linked database between our mobile application and desktop device using a backend service our client will no longer have to carry around her inventory.

Desktop Application

* Updating the prices we will be designing the client there very own desktop application. With the use of javaFx, we will be able to run across a multitude of different devices. The goal is to make a spreadsheet view that has a list of all items. Each field will be customizable for price changing as well as button to add new items.

Finalize report button for final calculation

* With the desktop application we will have a finalize report button for the client to click. After being prompted a second time to make sure all fields are accurate before being reset and a report generated. A final inventory price will be calculated of all current inventory placed into the database. This number will be given to her accountant for tax purposes on a monthly basis.

Monthly report Feature

* An extra feature that we will try to add is the ability to save each monthly report to generate cost effective food/item inventory trends. This could be useful if during different times of the year our client would be able to predict with more confidence with how much to buy without letting inventory go to waste. We hope to see our client to take a shine to technology to allow it to benefit her business even more.