

Criterion A - Planning

Word count: 311

Problem Statement: (23 words)

It is difficult to manage orders and inventory for someone running a home bakery since the process is very time-consuming and inefficient.

Description of Scenario: (139 words)

Mrs. Garima Joshi is a home baker. She has a small business and sells her good to people in the local community. She often finds it difficult to manage all of her orders since people text her whenever they want to order one of her many baked goods. It is also difficult for her to manage her inventory of ingredients since she cannot always remember what she has and what she needs to order more of. Lastly, she would like to have a virtual version of her hard copy recipe booklet so she can easily traverse it. These many issues have made her production process quite inefficient. She has other matters to attend to but the process is extremely time-consuming. She would like a system/application that can help make the process more efficient and complete her tasks effectively. ¹

Rationale for the Proposed Product: (149 words)

A database will need to be created to house the orders so the list can be updated. All of that will be stored there. Additionally, there must be a database that stores the different products in the recipe booklet that can be added to as my client may decide to expand her selection. Lastly, the ingredients will also need a database so they can be added. The ingredients list may be the most fluid part of the application as it will change often since ingredients will be added and removed frequently.

²The program will also require an intuitive graphical user interface (GUI) which makes it much easier for my client to interact with the application. The use of buttons, scroll bars, and windows will make the entire application more intuitive and comprehensible. This of course will help reduce the inefficiencies within her current process as everything will be digitalized.

Success Criteria on following page

¹ Crit A Interview (I2 - C15)

² Crit A Interview (I20 - I21)

Success Criteria:

For this project to be successful, it is imperative that it follows most of the following criteria:

1. The recipe booklet must be editable.
2. The rows for the order list must be editable.
3. The inventory management system ingredients list must be editable.
4. The recipe booklet must have an infinite scroll function so that new menu items can be added.
5. The recipe booklet, inventory management system, and the order list must be available on 3 separate tabs.
6. There should be a search function to find a recipe in the booklet
7. She will need to be able to personally append items to the order list tab once she gets an order.