UNIVERSITI TEKNOLOGI MARA

CSC301 – VISUAL PROGRAMMING

GROUP PROJECT

PROJECT PROPOSAL

Project Title: Dato's Bakery Ordering System

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Class Group:

CDCS110 4C

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1. Project Background

Dato's Bakery Shop is a charming haven where every confection tells a story of innovation and delight. Founded and lovingly curated by the visionary Dato' Nurshaz Naziel, this bakery has carved a niche for itself with its ingenious twists on beloved classics and imaginative renditions of traditional treats.

Currently, the bakery shop typically utilizes a manual system which is a file system in which the orders are taken and processed by hand instead of digital files. Similarly, the bill's calculations would be managed by hand instead of using a computerised system. Additionally, they manage their financial accounts using Microsoft Excel. However, as the bakery expands and becomes more challenging to manage, there is a pressing need to enhance the existing system to better handle customer orders and maximize satisfaction.

To address these challenges, the bakery plans to provide a more efficient order management system. This system should provide an interface where customers can input their order while also providing assistance throughout the ordering process. Order information will be recorded and relayed to the staff at the bakery shop in order to be fulfilled. On the other hand, the staff should be able to review the order records and thus, be able to evaluate the store successes and shortcomings. By introducing these improvements, Dato's Bakery Shop could systematically improve its current mechanisms and enhance customer experiences.

2.   Proposed Project Overview

The purpose of Dato's Bakery Ordering System is:

- To provide a more efficient system for customers to place their orders and receive assistance throughout the process.
- To facilitate the recording and relay of order information to bakery staff, optimizing the fulfilment process.
- To empower bakery staff with the ability to review order records, allowing for evaluation of successes and shortcomings in store operations.

The significance of Dato's Bakery Ordering System is:

- Ensuring the security of customer and operational data, guarding against hacking threats and maintaining confidentiality.
- Assisting the bakery in transitioning from manual order processing to a streamlined, automated system, reducing errors and enhancing efficiency.
- Increasing the overall efficiency and effectiveness of bakery operations, ultimately leading to improved customer experiences and satisfaction.

3. System Flow Program

3.1 Admin
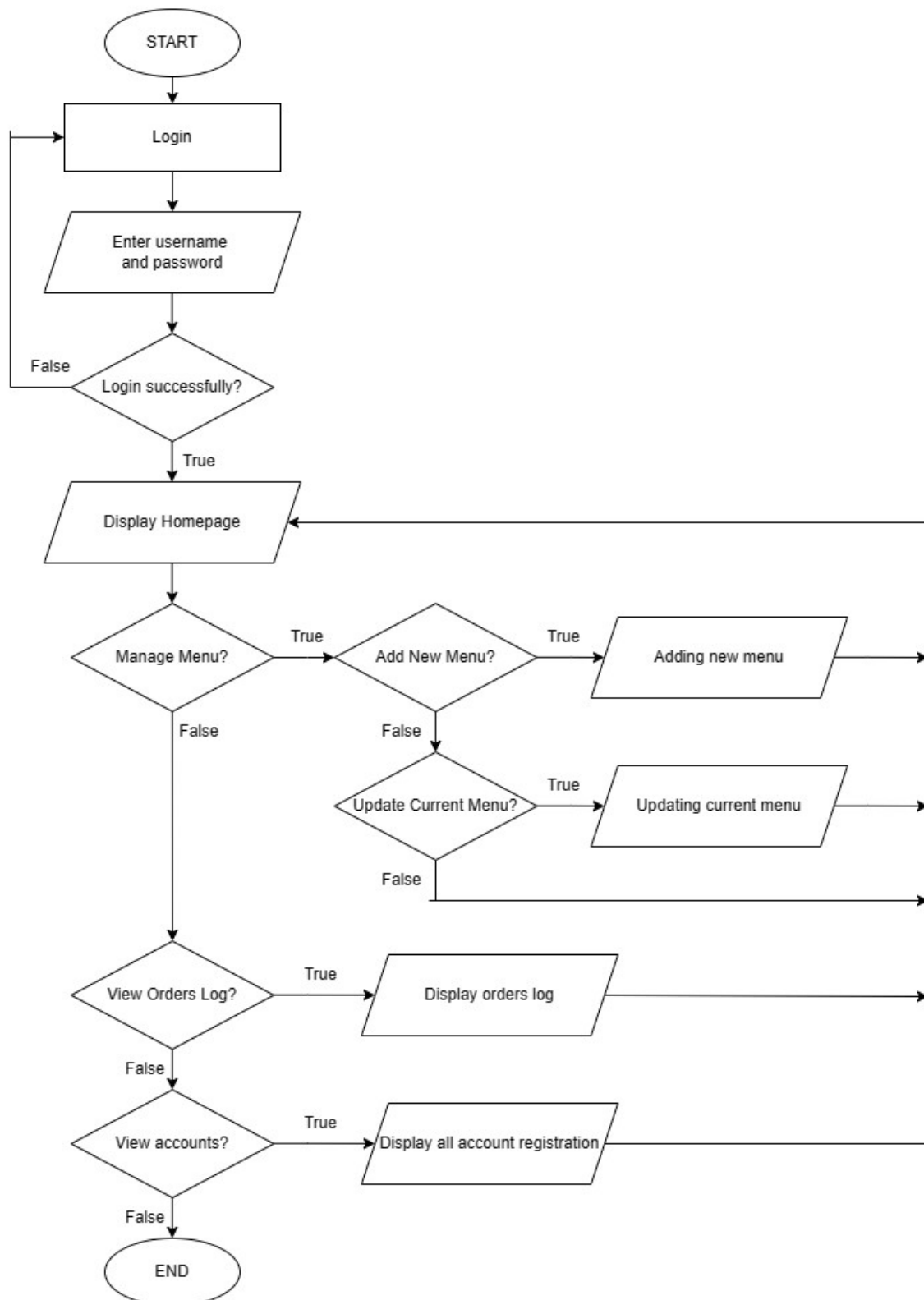
Figure 3.1: Flowchart of Admin processes

. 3.2 Customer
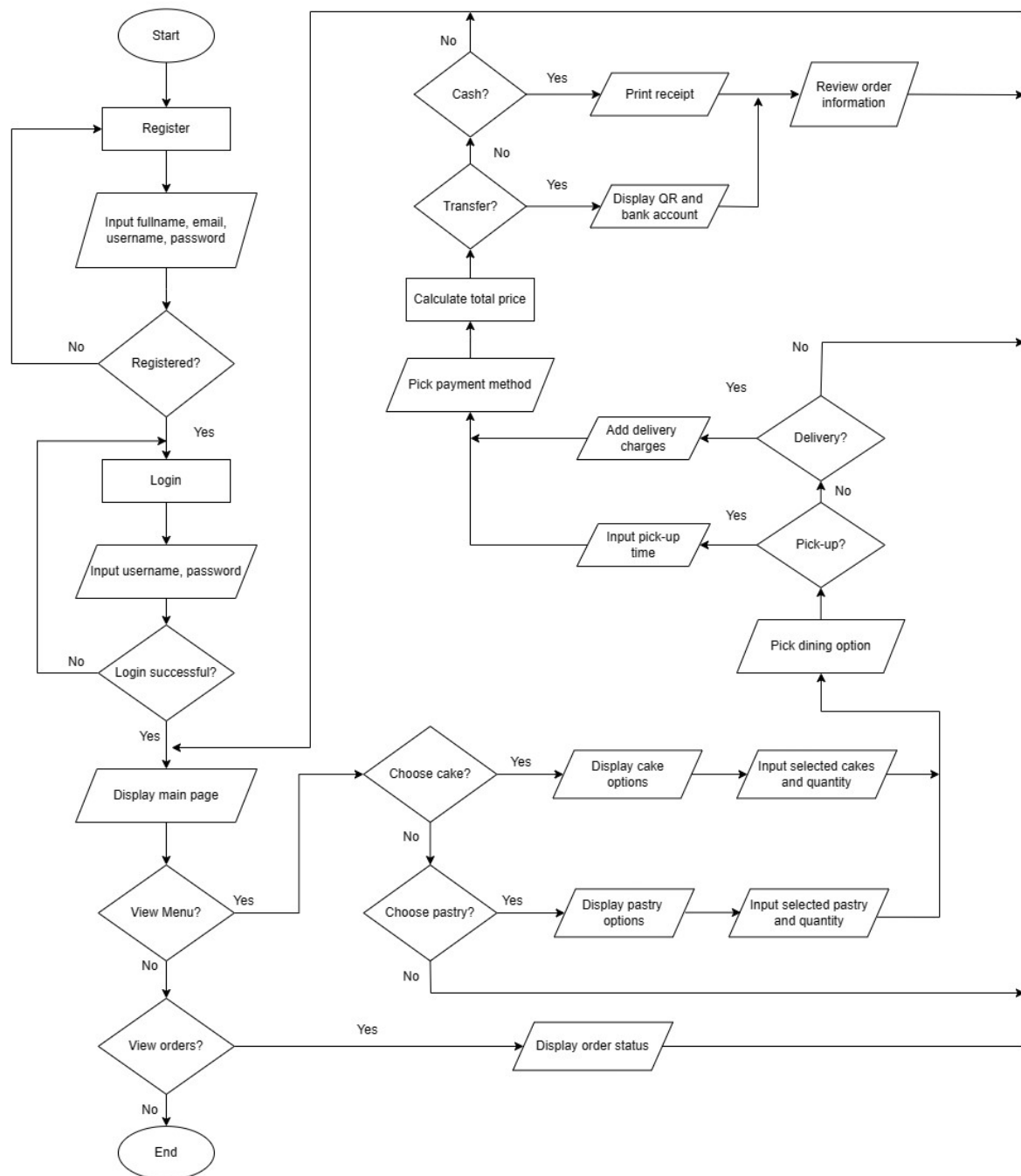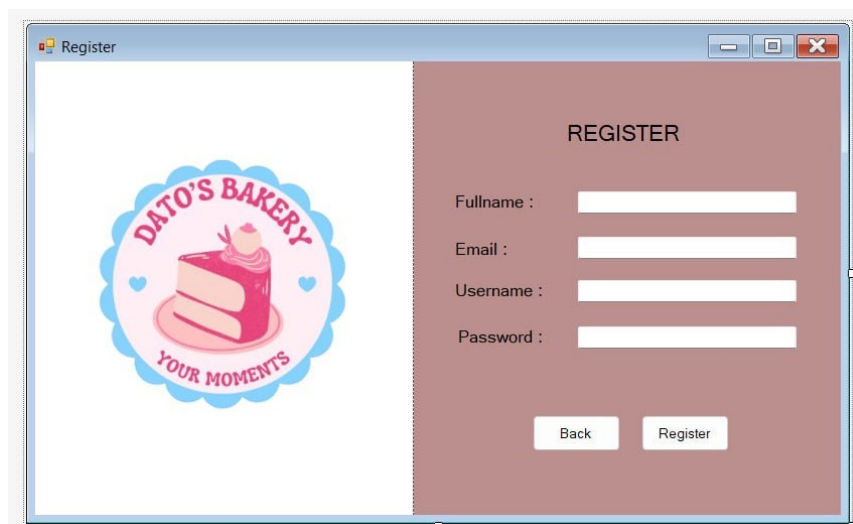
Figure 3.2: Flowchart of Customer processes
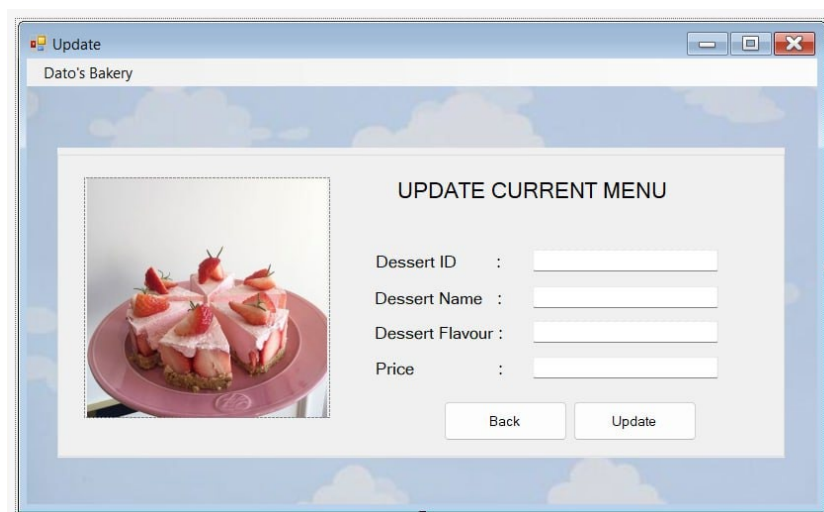
4. Proposed System User Interface Design

Figure 4.1: Sketch of the Login form

Figure 4.2: Sketch of the Register form

Figure 4.3: Sketch of the Add and Update form
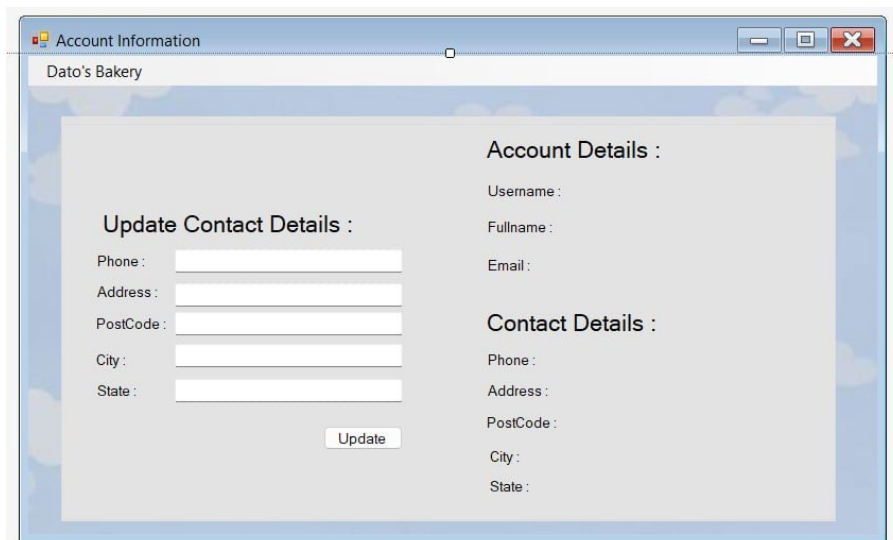
Figure 4.4: Sketch of the Order Log form

Figure 4.5: Sketch of the Account Information form

Figure 4.6: Sketch of the Category form

Figure 4.7: Sketch of the Menu form

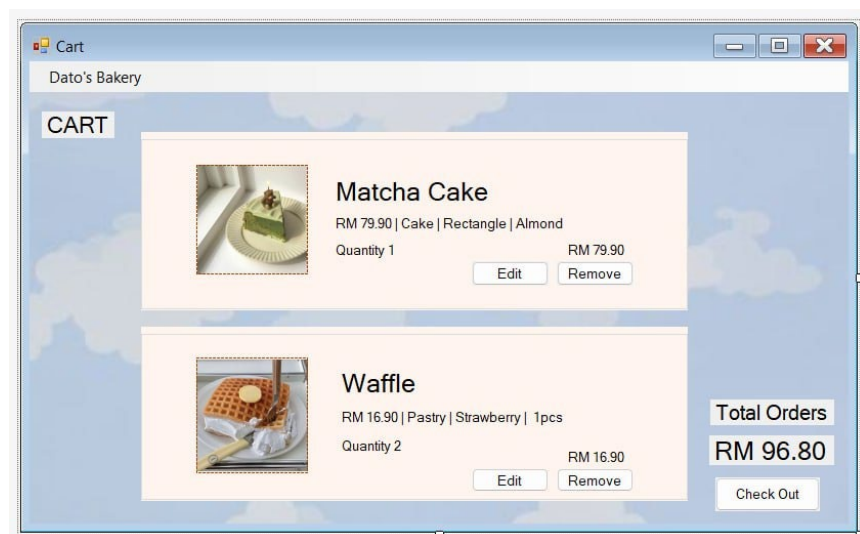*Figure 4.8: Sketch of the Add to Cart form*
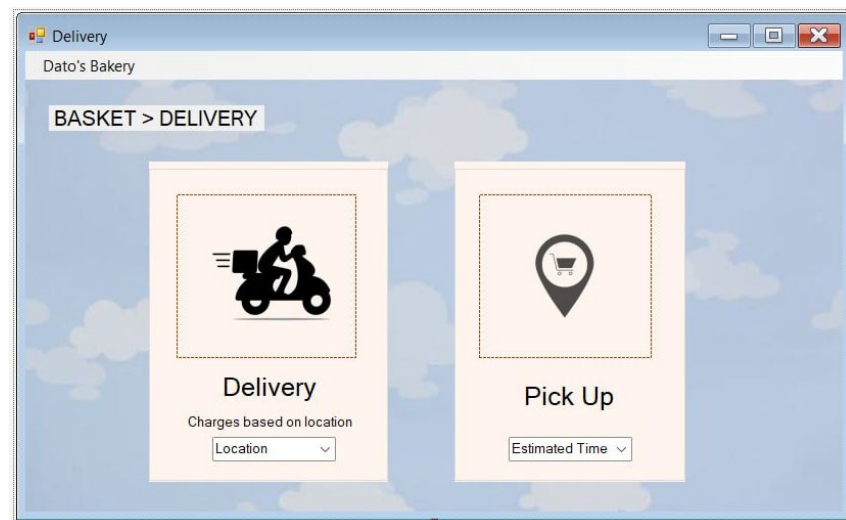

Figure 4.9: Sketch of the Cart form

Figure 4.10: Sketch of the Payment form

Figure 4.11: Sketch of the Delivery form