



PARSHWANATH CHARITABLE TRUST'S

A.P. SHAH INSTITUTE OF TECHNOLOGY

Department of Computer Science and Engineering
Data Science



Cake On Tap

(A platform to sell and buy cakes)

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Project Guide
Ms. Ujwala Pagare

Contents

- Introduction
- Objectives
- Scope
- Features / Functionality
- Project Outcomes
- Technology Stack
- Block Diagram if applicable

1. Introduction

- Problem Identified :

In the age of digitalisation cake bakers who do not have an established business are looking for a solution which can help them earn money by selling their products through an online platform.

- Solution Proposed :

Cake On Tap- a desktop- based application that will allow the bakers who are willing to render their service from home can register themselves as vendors and can sell their products.

2. Objectives

1. To give an online platform for ordering and selling cakes. The customers to place orders for future as well as immediate deliveries.
2. To provide various customization options for cake size, toppers, with or without gluten and with or without egg.
3. Real time pricing based on the customization.
4. To enable administrator (baker) monitor its customers, orders and menu.

3. Scope

1. Can increase self-employment in the society.
2. Can be applied in the domain of e-commerce and online retail.
3. Can be a big resource of income for small scale business.
4. Can partner up with event management companies.

4. Features /Functionality

1. Simple user -friendly GUI.
2. Real time pricing to be displayed during the customization.
3. Necessary changes can be made in menu.
4. Necessary changes can be made in the list of customers.
5. Orders can be monitored by the bakers cum admin.

5. Outcome of Project

1. User Can log in or sign up as a customer or as an admin.
2. User can search for cake options available.
3. User can select as many cakes as they want.
4. User can customize their cake as per their preferences.
5. The customization will also show the real-time pricing alongside.
6. The admin can monitor on the inventory, vendors list, customer list and order list.
7. User can safely place their final order.

6. Technology Stack

1. Front end:-

- **NetBeans** Integrated development environment (IDE) used for developing Java applications.
- Provides features like code editing, debugging, and project management.

2. Back end:- MySQL: Open-source relational database management system (RDBMS).

- **MySQL Workbench** for database design, querying, and management.
- **MySQL Connector/J**: The official JDBC driver for connecting Java applications to MySQL databases.
 - CRUD operations are performed.

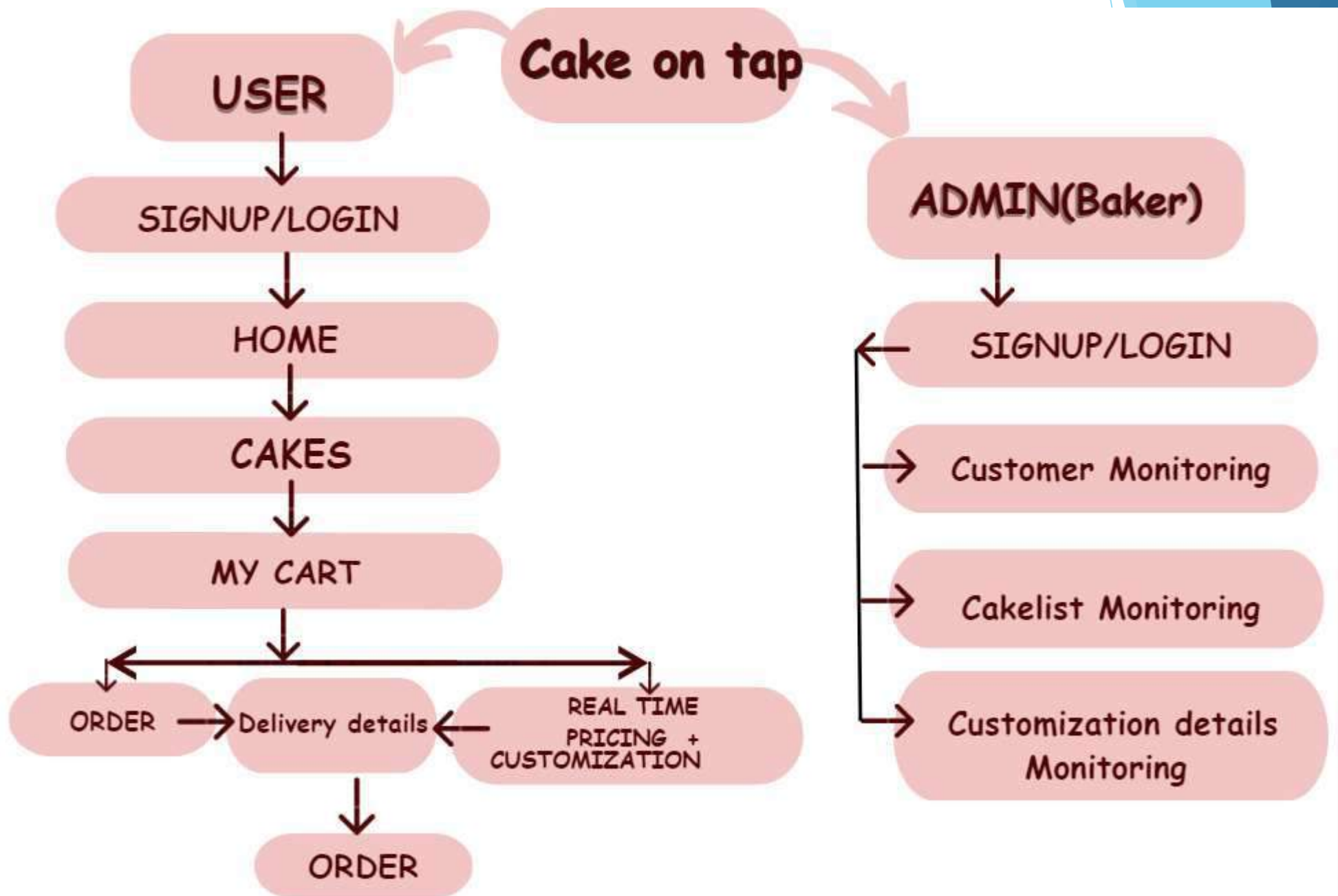
(Baker)

UP/LOGIN

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Thank You...!!