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Table Reservation System

One-pager

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Overview

1. **Project Background and Description**

Mama’s Pride Cafe is a coffee shop located in Thika that specializes in various types of coffee as well as delicious pastries.

However, of late, they are finding it difficult to manage the overwhelming number of customers that they have been getting. For this reason, they have seen the need to have a table reservation system to avoid turning customers away.

The reservation system will allow them to:

* Allow customers to book their tables remotely so that the managers can schedule resources according to the number of people.
* Offer a convenient dining experience which will in turn boost their business.
* Allow easy planning of tables and spaces.
* Save on waiting time of customers to get a table

1. **Project Scope**

In order to achieve the above named, the project will implement a responsive web-based application system that will be accessible over the internet through: -

* Smart phones
* Small devices (iPad and iPad-like devices)
* Laptops, desktops and large system

The application will be able to

* Allow users to login using username and password
* Allow customers to view the available menu
* Allow customers to make a table reservation
* Provide a contact address to the users.
* Allow the admin to update the menu and tables available
* Allow the admin to manage reservations

1. **High Level Requirements**

Being a web-based application system, any device with internet access will be able to access the system. It will allow users to access the application without having to download any software.

It should be able to work well with existing systems.

1. **Deliverables**

* Back-end
* UI wireframes for both customers and admin
* A web based application accessible by both customers and admin

1. **Affected Parties**

* Customers
* Management

1. **Affected Business Processes or Systems**

* Table reservation
* Menu update
* Space availability

1. **Specific exclusions from scope**

The exclusions in this phase include:

* The ability to order food online.
* The ability to book a menu of your choice.

1. **Implementation Plan**

The implementation will begin with the designing of the wireframes for both the customer side and the admin side. These will then be shown to the management for approval and to allow for any changes needed to be made and to ensure that the functionality of the application is there.

Afterwards the development of the application will begin, starting with the admin module then the customer module. The application will then be integrated into the restaurant to be used by people.

1. **High-Level Timeline/Schedule**

|  |  |  |  |
| --- | --- | --- | --- |
|  | **Date** | **Task** | **Comments** |
| 1 | 20/09/2022-27/09/2022 | Designing wireframes |  |
| 2 | 28/09/2022-13/10/2022 | Admin module development |  |
| 3 | 14/10/2022-28/10/2022 | Customer module development |  |
| 4 | 29/10/2022-31/10/2022 | Integration of the application |  |
| 5 | 1/11/2022-7/11/2022 | Training of members |  |