

Tiffin Ordering System

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ABSTRACT

Tiffin Delivery System facilitates the customers and small scale Homemade food businesses/mess to manage and control their business through online platforms. Tiffin Delivery System is introduced to overcome the disadvantages of the traditional mess food delivery system. This system improves the procedure of taking the order from customers with the use of technology. The application sets up a food menu online and customers can easily view this menu online and place the order according to their food choices. This system also provides the feature on vendor side that once the order is arrived on vendor side from customer, vendor can accept or cancel that order as per the resource availability. For more secured ordering specific and private accounts are maintained for each user by providing them a unique Users ID and Password which is generated after successfully registering into the application.

Keywords : Online Tiffin Order, Android Application , Web Dashboard.

I. INTRODUCTION

Tiffin Delivery App will take the nearby service area of the customer and will show the nearby mess available according to the selected service area. Customer can view the details of every individual mess in a list then order the home made tiffin from these available messes with the functionality of delivery of the tiffin at customer's address as many days and times according to the the customer's routine. Tiffin delivery app gives opportunity to the customer to taste and give ratings on different messes.

As according to the traditional system, customers faces problems while searching for better quality, hygienic and freshly-cooked homemade food online all together into one single platform. In the traditional system it is required to enroll at least subscribe for 15 days (lunch and dinner) or 30 days (lunch or dinner) to a mess with only single day trail option.

Tiffin Delivery App will bridge the gap between customer craving for simple home food, to get rid of junk food and take care of their health by maintaining healthy eating habits with better quality food, hygiene and taste trials. Homemade Tiffin would be made available with just a click, ultimately benefitting the people who desire to flourish their food business and objectives of the project are as follows:

- To make Tiffin delivery process easier and more efficient.
- To increase Customer satisfaction.
- To increase sales through new channels and connectivity.
- To reduce cost and time for the Mess owner.

II. METHODS AND MATERIAL

TDA consist of three major modules, which makes TDA user friendly and more efficient. This three modules are as follows:

1) Vendor Module :

It is designed to be used only by mess employees, and provides the following functions are:

Display the orders in an easily readable & graphical format. Authentication module

- Signup
- Register user mess
- Login/logout
- Admin Dashboard module
- Home
- Dashboard
- GET new orders notification
- Orders

2) Customer Module:

This module helps us to provides the functionality for customers to place order and supply necessary details required. Users of the system, namely mess customers, must be provided the following functionality

- Create an account/Register.
- Manage their account.
- Log-in/Log-out to the app.
- Select Service Area.
- Navigate the mess's food menu.
- Add to cart.
- Provide payment details.
- Place an order.
- Receive confirmation of order through notification.
- View order placed/Order History.

3) Admin Module (Database):

A database is that stores related information across multiple tables and allows you to query information in more than one table at the same time.

In database you could set up multiple tables, one for orders and one for customers. The 'customers' table would include a Unique ID number for each customer, along with the name, Address and phone number we were already tracking.

The database table would include your:-

1. Admin Module
2. Food Module
3. Cart Items
4. Customer Details
5. Order Details
6. Service Areas
7. Vendor Module

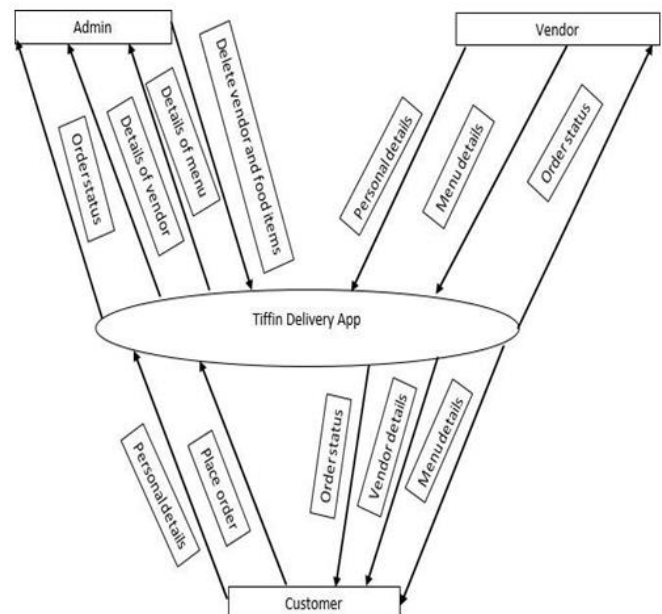


Diagram shows overview of all three modules

III. RESULT

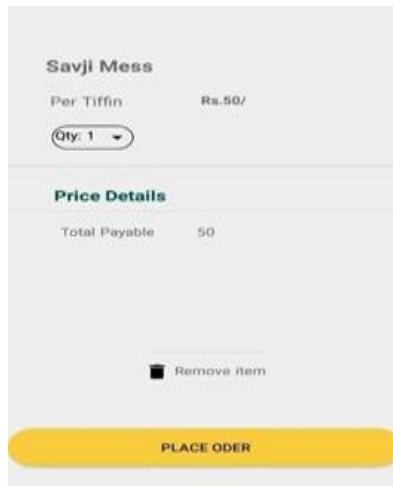
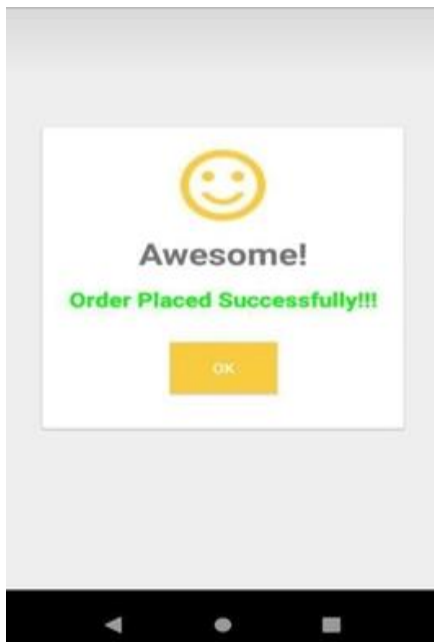


Figure (1)

Figure (1) shows the screenshot of customer side app “Place order” function



Figure(2)

Figure (2) shows toast message after successful placement of order.

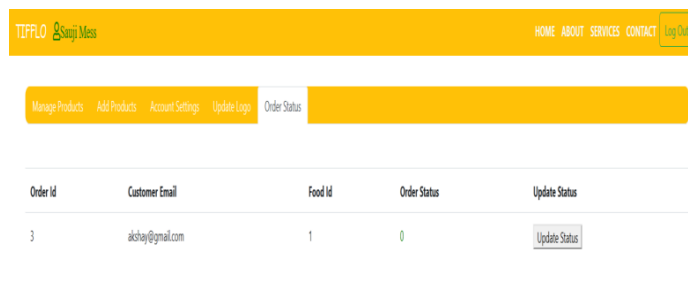


Figure (3)

Figure (3) shows the Vendor’s side “Order Status” screen where he/she gets the update as the order is placed from customer’s app.

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