SYNOPSIS

RESTAURANT BILLING SYSTEM

Submitted to the

Department of Computer Applications in partial fulfilment of
the requirements For the Mini-Project
Course Code: MCAP01

by

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INTRODUCTION

RESTAURANT BILLING SYSTEM

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RESTAURANT BILLING SYSTEM is a simple free general purpose billing/inventory software. Although this software is designed to meet the requirements of a restaurant/hotel, It can be used as billing software for Bakeries, vegetable stores, fruit stalls, juice/ice-cream parlors, cool bars, coffee shops, etc.It stores item names, issues invoices, keeps the track of transactions and generates reports.

This application is developed using PHP as front end and SQL database as back end.

Modules:

- Authentication
- Add/edit items
- Add/edit item categories
- Add/edit users
- filters
- Printing settings
- Genration of bill
- Add/edit transactions.

<u>Features:</u>

- Setup administrator account and shop details at first run

- Facility to add/edit items and item categories
- Reduce printing cost
- Easy and simple design
- Transaction reports and invoice reports generated using crystal report. This makes printing, exporting and mailing reports easy.
- Can adjust invoice printing settings
- Supports 2 types of users – Administrator and Salesman
- Supports unlimited users

PROPOSED SYSTEM

In this system the admin or the salesman has to register into the application. After registration admin will be given a unique ID and password. salesman can use this ID and password for logging into app to get the required information. salesman can generate the bill based on the food categories listed in the application.salesman has to select a particular item as per requirements from that list, then sales man generate the bill. Admin can add the items and can handle database and can view and handle salesman data and bill generation.

Module Specification:

o **REGISTER ACCOUNT:** In register module the salesman or admin can register, it includes name, mob, email, gender, age, password, date of birth etc. for registration. Storing the user data in database and Validation is also there**.**

o **LOGIN:** There are two modules in login form salesman login and admin login. In patient login we enter phone number and password. o.

o **ADD \ REMOVE ITEM:** After undergoing the registration, login procedures the Admin can add items to the page and update the item details and can remove the items which are not available.

o **BILL GENERATION :** After undergoing the registration, login procedures the salesman can view the items and select to make bill payment and generate bill.

PROJECT CATEGORY

This project comes under the Android project category. This application is based on web development technology.

Functional Requirements

Hardware Requirements:

Ram : Above 512 MB or more

Internal memory : 16 GB

Software Requirements:

Technologies Used

: PHP
: MAMP

Server Side: PHP Database: SQL

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