**Live Order**

**A**

**Project Report**

**Submitted by**

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**FOR FULFILLMENT OF FIFTH SEMESTER IN**

**BACHELOR OF COMPUTER APPLICATION**

****

**Department of Computer Science & I.T.**

SHREE H.N.SHUKLA

GROUP OF COLLEGES

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Preface

Theory of any subject is important but without its practice it useless particularly for the computer student. A computer student cannot become perfect man of technologist without practical understanding of branch.

We can also say, “Experience is the best teacher” so our project is one Kind of Experience, the part of our life. Through the project we have learnt Good, Real, and Practical application.

The project training in the B.C.A of the course gives us the exposure to real world. The aim of the project training, by understanding a project, is to have practical experience of the real world. It also clears the picture of practical field to prompt the student to develop their qualities talents, etc. So that we can expand our view about the implication of the theoretical Knowledge in the practical field, we had the opportunity for the same at various field.

Acknowledgement

The present of this report gives us the feeling of the final frontier toward achieving the BCA Degree; the activity of going through industrials orientation has bridged the gap between the academics and practical real-life work for us.

It has prepared us to apply ourselves to become good IT professional. Naturally, it requires lot of people support to complete this project. We take this opportunity to acknowledge their support to us.

In the acknowledge, Hear first of all we would like to thanks our College Shree H.N Shukla that they gave such Good opportunity for develop a project which would evaluated. We Thanks to our friends to give support for a development of this project.

We would also like to thanks all those people who made this project directly or indirectly possible.

*Thank You*

Keval H. Dholakiya

Vaitul B. Bhayani

Index

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **No.** | **Title** | | **Page No.** | |
|  | | Introduction Of Project | | 05 | |
|  | | Project Profile | | 06 | |
|  | | Data Dictionary | | 07 | |
|  | | Data Flow Diagram | | 11 | |
|  | | Use Case Diagram | | 12 | |
|  | | E-R Diagram | | 15 | |
|  | | System Design | | 16 | |
|  | | Testing | | 20 | |
|  | | Conclusion | | 25 | |
|  | | Bibliography | | 28 | |

Introduction of Project

We Created Project Named “*Live Order*”, Here We Provide A Complete Solution For Waiter And Chef in Restaurants.

Our Main Goal is to digitalize working of restaurant by smart phones or tablets so Waiters and Chef of restaurant can done things in fewer efforts in less time.

Here is How It Works,

* First of All a Customer Walks In Restaurant.
* Waiter Takes Order On Smart Device.
* As Soon As Waiter Takes Order, It Directly Informed In Kitchen Room So Chef Start Preparing Meal.
* After Meal was Prepared Chef Mark as Cooked on Smart Device.
* Waiter Get List of Cooked Meal and Table Number of Order.
* If Waiter-1 is Free so, he takes cooked meal From Kitchen. As Soon as Waiter Takes, Meal was Removed from Waiting List and Added to Served List.
* After Customer Finished, Waiter Request Fro Get Bill On Device And Waiter Get Full List Of Customer Order. After Being Paid, Customer Have Option To Get Bill On her/his Email. In addition, Bill Get Print of Wireless Printer.
* Here, we Give Discount to Frequent Customer, Who Come in Restaurant 10 or More Time.
* There’s also an admin Panel Where Owner Or Admin Have Full Control On System,
* Admin Can, Add, Edit, Remove Chef And Waiters And Also Add, Edit, Remove Products And Table

Project Profile

Project Name : Live Order

Front End : HTML, JavaScript, CSS

Back End : PHP, SQL

Libraries : JQuery, Bootstrap

Database : MySQL

Documentation Tool : Microsoft Word 2010

Platform : Web

Web Server : Apache

Web Browser : Any except Windows IE

Project Duration : 1 Month

Prepared By : Keval Dholakiya & Vaitul Bhayani

Submitted To : Shree H.N Shukla College

Data Dictionary

* **Table Name**: users
* **Table Description**: Store All Info About users

|  |  |
| --- | --- |
| Name | Type |
| Id | Int(2) |
| FirstName | varchar(50) |
| LastName | varchar(50) |
| Username | Varchar(50) |
| Password | Varchar(50) |
| Role | enum('Waiter', 'Chef', 'Admin') |

* **Table Name**: tables
* **Table Description**: Store All Info Tables

|  |  |
| --- | --- |
| Name | Type |
| Id | Int(2) |
| Name | varchar(50) |
| Capacity | int(2) |
| IsOccupied | tinyint(1) |

* **Table Name**: Products
* **Table Description**: Store All Info Products Of Each Category

|  |  |
| --- | --- |
| Name | Type |
| Id | Int(3) |
| catId | int(2) |
| Name | varchar(50) |
| Price | double |
| Password | enum('1', '0') |

* **Table Name**: categories
* **Table Description**: Store All Info About Products Category

|  |  |
| --- | --- |
| Name | Type |
| Id | Int(2) |
| InvoiceId | int(3) |
| ProductId | Int(3) |
| Quantity | Int(2) |
| Rate | Double |
| Amount | Double |

* **Table Name**: invoices
* **Table Description**: Store invoice data with gst

|  |  |
| --- | --- |
| Name | Type |
| Id | Int(3) |
| time | timestamp |
| tableId | Int2) |
| GrossAmount | Double |
| GSTP | Double |
| GSTRs | Double |
| TotalAmount | Double |
| Waiter | Varchar(255) |

* **Table Name**: kitchen
* **Table Description**: Store info about kitchen

|  |  |
| --- | --- |
| Name | Type |
| Id | Int(3) |
| name | timestamp |
| tableId | Int(3) |
| ProductId | Int(3) |
| Quantity | Int(2) |
| Pending | Int(2) |
| isReady | Tinyint(2) |

* **Table Name**: categories
* **Table Description**: Store All Info About Products Category

|  |  |
| --- | --- |
| Name | Type |
| Id | Int(2) |
| Name | varchar(255) |

Data Flow Diagram

* 0 Level DFD

Customer

Waiter

Admin

Chef

* 1 Level DFD

Chef

Send Order Data

Meal Served

DataBase

Admin

Waiter

Customer

Take Order

Analyse

Generate Invoice

Give Invoice

Take Meal

Waiting

Serve Meal

Give Order

Get Order

Serve Meal

Use case Diagram

Waiter

Chef

ER Diagram

**Users**

**Products**

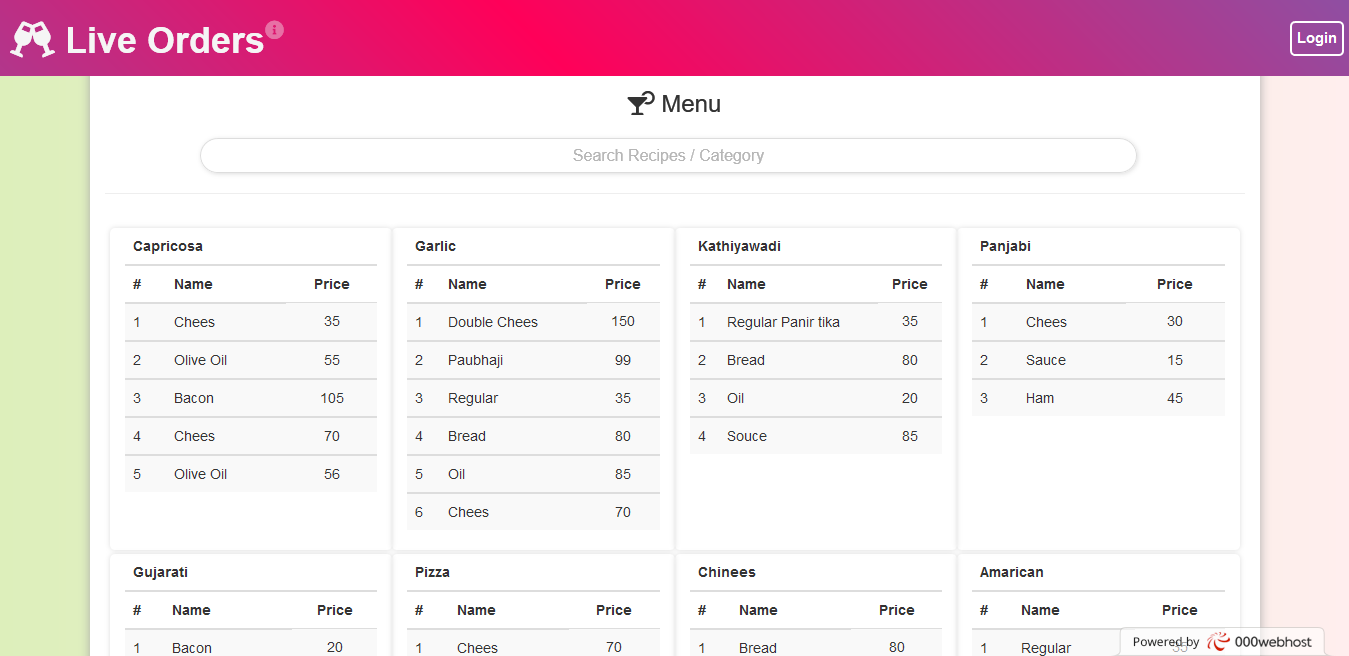
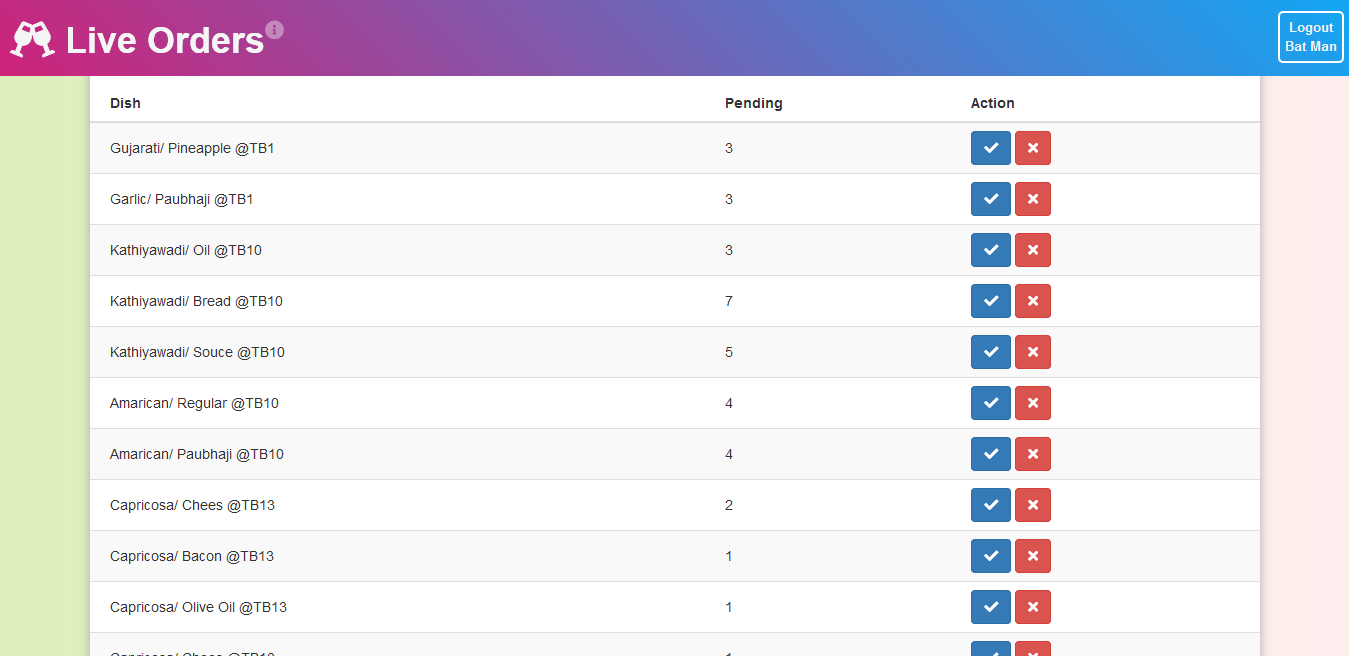
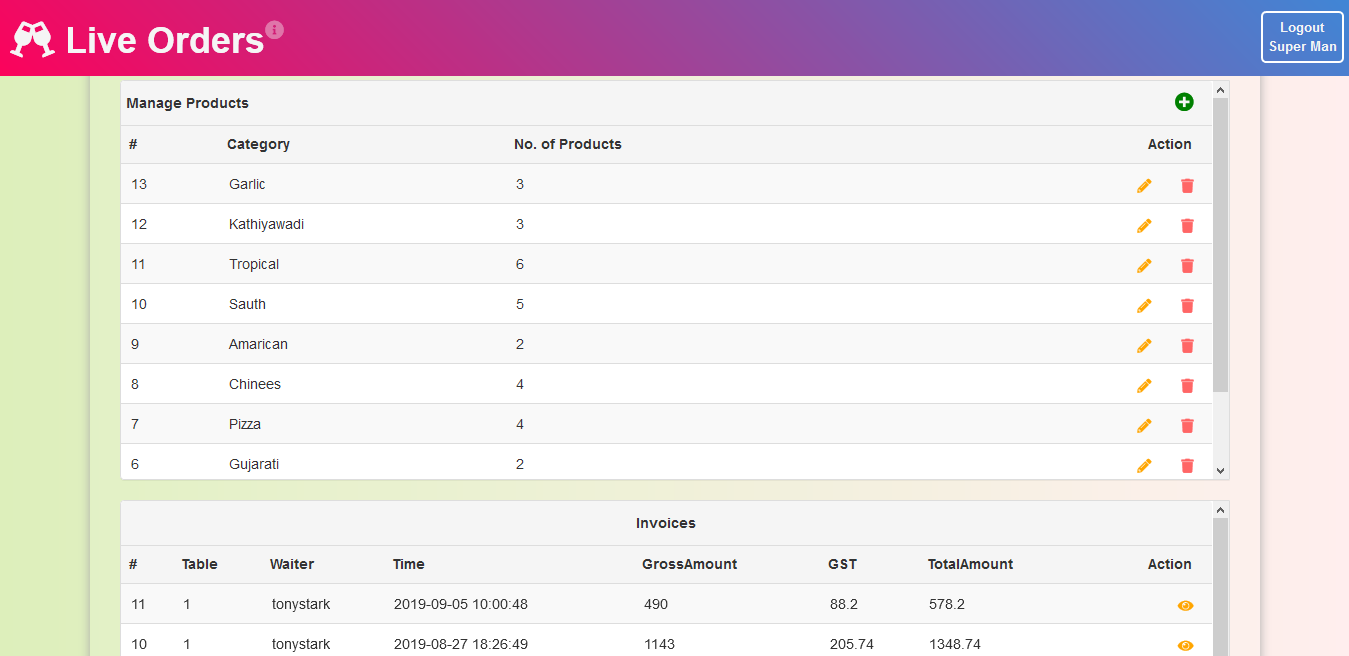
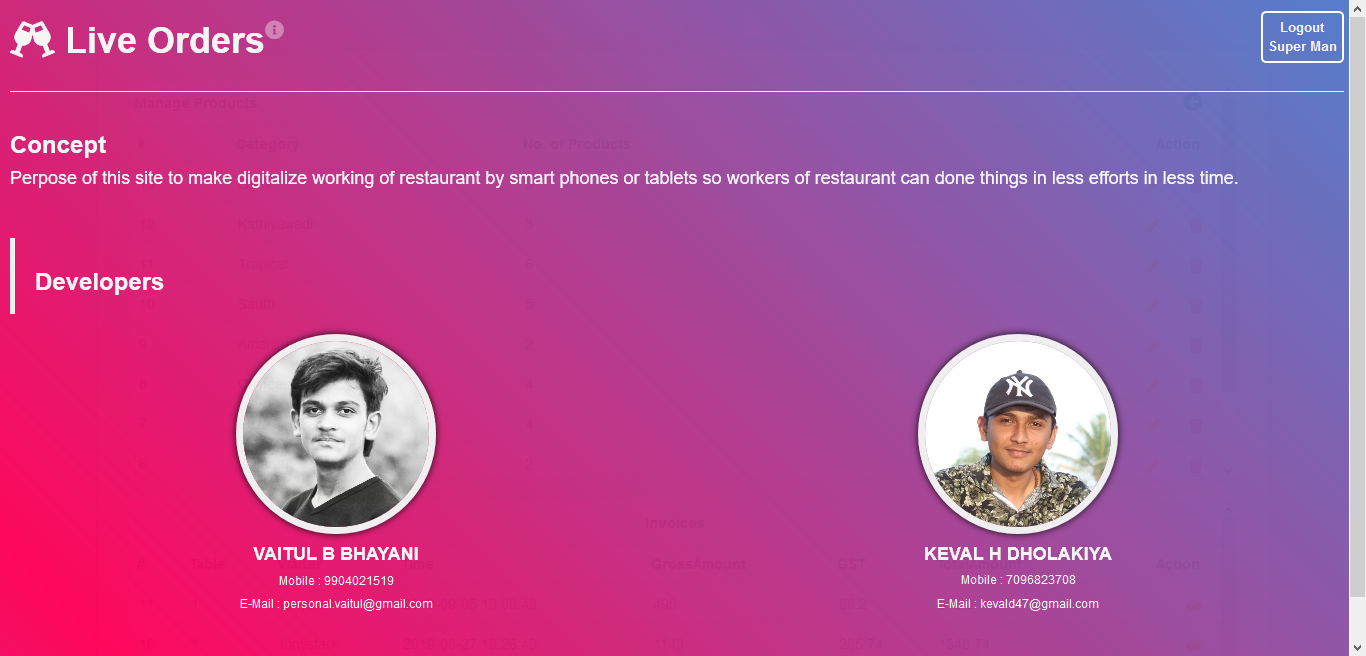
**Categories**

**Item**

**Invoice**

**Kitchen**

System Design

* View : Home Screen
* Desc : Display Menu
* Page : Waiter Screen
* View : Chef Screen 
* View : Admin Screen
* Desc : Display Admin Module
* View: About us

Testing

Conclusion

* The project report entitled "Live Order" has come to its conclusion.
* The new system has been developed with so much care that it is free of errors and at the same time, efficient and less time consuming.
* System is robust. In addition, provision is provided for future developments in the system.

Bibliography

Here are the following names of website referred during the different system development life cycle. We referred this book and website at the time during difficulties and doubts. Really those website are surely our best friends at the time of problems, they help a lot.

* Websites References:

• www.stackoverflow.com

• www.w3schools.com