

INDRODUCTION

The “Heavenly Tiffin Service System” has been developed to override the problems prevailing in the practicing manual system. This system is supported to eliminate and in some cases reduce the hardships faced by the existing system. Moreover this system is designed for the particular need of the small hotels that provide food delivery to carry out operations in a smooth and effective manner.

As we know that the food cooked at home is hygienic and best for health. The food prepared at home is cheaper too and keeps the doctors far away and makes us healthy. In today’s world, most people live away from their homes for work or studies. Food is a basic necessity for everybody. Most of them are dependent on other people for food.

So, the aim of the project is to provide hygienic food of high quality at a low cost. Various items are available to the customers. They can select the desired items for their breakfast, lunch, and dinner at a reasonable price. The food can be delivered to their residence. They can pay on daily or monthly basis. We make use of fresh vegetables, fresh wheat, rice, etc.

The customer can choose the menu of their own choice so, we generated a system that will provide meals to the customers. The Tiffin will be delivered at their residence at the time.

COMPANY OVERVIEW

WE the IntelliseIT:

IntelliseIT is a Service providing company in the field of Information Technology and Security Systems. We offer services to small sized as well as mid-sized businesses around the globe. Our offering services include: Customized Application Software, Customized Web Services, Wired & Wireless Networking, Security System Solutions, Cluster & Cloud Computing, Digital Marketing, Corporate Training, etc. We have served a wide range of industries, viz., Retail Industry, Education Industry, Manufacturing Industry, Food Industry, Medical Industry, etc.

IntelliseIT:

IntelliseIT has got a very unique combination of team. Our team members are from different branches of IT. The expertise domains of our team members: Software Solutions, Web Services, Database Engines, Security Systems, Training and Coaching etc.

WHY IntelliseIT:

In this era of globalization, businesses are competing with each other from every corner of the globe. To sustain in this cut throat competition it is very important for every business to have an IT solutions partner. Our out of the box thoughts help businesses to accomplish more of their IT goals, achieve new efficiencies and realize cost saving.

AIM of IntelliseIT:

We believe in customer satisfaction, for which we provide Application Software, Global Marketing, Security Solutions, etc. that drives the entire business of our client towards its goals in an ease. We also provide training services on Software, Hardware, Networking, Database Management, Security Systems and Storage Management, Cloud Computing to Educational Industry through Global Certifications.

Corporate training is a means of ensuring that employees improve skills and enhance performance by focusing on professional development. Many corporations consider it key to provide training and development so that employees can compete on their behalf in ever- changing markets. Hence we provide corporate training to brighten up the future of students. Also, we help in re-skilling IT professionals for improvement in their job performance.

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Website: <https://intelliseit.zyrosite.com>

EXISTING SYSTEM

The Existing system is a manual system. In the existing system all the record is maintain manually. I.e. all documents of the customer and agent.

In this system it is hard to find the record of agent selected or rejected for the customer order delivery. And also customer can't check for delivery status.

To overcome the problem of existing system we are developing the automated system so, that it is easy to manage and maintain. Automated system is easy to use and manage.

PROPOSED SYSTEM

The Purpose of Heavenly Tiffin Service System is to automate the existing manual system by the help of computerized equipment and full-fledged computer software, fulfilling their requirements, so that their data or information can be stored for a longer period with easy accessing and manipulation of the same. This System describes how the Tiffin Service Works.

In this system there are two Registrations i.e. Customer Registration and Agent Registration. There are three logins i.e. Admin login, Customer login, Agent login. There are three Dashboard i.e. Admin Dashboard, Customer Dashboard, Agent Dashboard.

About us page describes the information of the website.

Contact us page allows visitors to contact you easily without leaving their browser.

OBJECTIVES OF SYSTEM

In today's dynamic and highly competitive marketplace, this system will help to achieve productivity, profitability, and growth.

- ✓ To make significant contribution for getting high quality of output.
- ✓ The purpose of the project is to build an application to reduce the manual work.
- ✓ To manage the details of Tiffin Foods, Foods category, Payment, Food type, Order, etc.
- ✓ Minimum time needed for the various processing.
- ✓ Better service.
- ✓ To proper maintenance of all records. And save time of searching records.
- ✓ User friendliness and interactive.
- ✓ Minimize manual data entry.

USER REQUIREMENTS

- ✓ Heavenly Tiffin Service maintains all the details of Customer's, Tiffin and Agent's.
- ✓ There is search facility to search the Customer, Tiffin and Agent from the list.
- ✓ Add/View/Edit/delete Customer, Agent, Tiffin.
- ✓ There are different Reports like Customer wise Tiffin Report, Agent wise Tiffin Report, etc.

SCOPE OF SYSTEM

The scope of computerized system is:-

- ✓ It will provide Web based application facility to Customer and Admin.
- ✓ Provides the management of details of registered agent and customers.
- ✓ It provides the admin a clear view of the numbers of agent and customer along with their details.
- ✓ It also provides the Admin reports such as agent list, customer list, reports etc.
- ✓ The main objective of the system is to develop a user friendly Web Application with good menus, input screen etc. and it satisfies the user requirement.

The various objectives may be pointed as:-

- ✓ Developing user friendly system, this would be easy to operate.
- ✓ Giving immediate information of the various filled as per user demand.
- ✓ To provide hygienic food of high quality at low cost. To maintain records of Agent and Customer.

PROBLEMS WITH MANUAL EXISTING SYSTEM:-

- ✓ In manually system to maintain records lot of stationary required and the papers of records must maintain carefully.
- ✓ Manual system is time consuming for getting the information about Tiffin system.
- ✓ In current system for maintain large records may require more man power means it may costly.

PROJECT WORK PLAN

Schedule:-

Task	To be completed by
Submission of Synopsis	December 14, 2022
Approval of Synopsis	December 20, 2022
Project Initiation	January 22, 2023
Requirement Gathering and Analysis	January 30, 2023
System Design	February 15, 2023
Coding & Testing	April 10, 2023
Documentation	April 27, 2023
Submission of Project Report	May 8, 2023

FEASIBILITY STUDY

During the course of designing and analyzing the project, stress has been given on the hardware and software requirements. The software requirement i.e., NetBeans 8.2 and database designing is to be done in MySQL. The importance of the system being designed and coded according to the time restriction and proficiency has been taking into account.

Depending on the result of the initial investigation the survey is now expanded to a more detailed feasibility study. “Feasibility study” is a test of system proposal according to its workability, impact the organization, ability to meet needs and effective use of the resources.

Feasibility study includes consideration of all the possible ways to provide a solution to the given problem. The proposed solution should satisfy all the user requirements and should be flexible enough so that future changes can be easily done based on the future upcoming requirements.

We have conducted mainly three feasibility tests as follows:

1. Technical Feasibility
2. Economic Feasibility
3. Operational Feasibility

Technical feasibility: -

Technical feasibility is carried out to know whether the new system can be done with present equipment, existing software technology. All the present technologies, whether those are sufficient or not to develop new system is decided ideally, the system should be compatible with the available Hardware and Software, or should work with very little up-gradation, to be considered as a feasible system.

Heavenly Tiffin Service has 1 server. The server has 8GB RAM and i3 processor which is capable to load my project on their system.

Economical Feasibility: -

There is a sufficient benefit of creating a system to take the cost acceptance, otherwise the cost of not creating the system so great that the project must be undertaken.

The economical feasibility is always to be considered during the designing of the system. It is the measure of cost effectiveness of the system. At present, organization can use one person to operate. So the labor is reduced and other charge for the facility along with maintenance cost is reduced. So, we developed the system for economical feasibility since the estimated profit from using this system is more than the cost incurred while developing the system.

- ✓ All hardware and software cost has to be borne by the organization is going to receive.
- ✓ Overall we have estimated that the benefits the organization is going to receive from the proposed system will surely overcome the initial costs and later on running cost for system.

Operational Feasibility: -

Operational feasibility is carried out to see the effects after the system is implemented. This windows development system is very user friendly. Also provide easy and fast access to their reports.

No doubt the proposed system is fully GUI based that is very user friendly and all inputs to be taken all self-explanatory even to a layman. Besides, a proper training has been conducted to let know the essence of the system to the users so that they feel comfortable and happy as the system has cut down their loads and doing.

COST ESTIMATION OF THE PROJECT

Software cost comprises a small percentage of overall computer system bases cost. There are a number of factors which considered that can affect the ultimate cost of the software such as human, technical, hardware and software availability etc.

The main point that was considered during the cost estimation of project was its sizing. In spite of complete software sizing point and approximate lines of code was also used size each element of the software and their costing.

The cost estimation done by me for project also depend upon the baseline metrics collected from past projects and these were used in conjunction with estimation variables to develop cost and effort projections.

We have basically estimated this project mainly on two bases:

1) Effort Estimation:-

This refers to the total man-hours required for the development of the project. It even the time required for doing document a user manual.

2) Hardware Requirement Estimation:-

This includes cost of the PCs and the hardware cost required for development of this project.

CONFIGURATION NEEDED

The following software and hardware is required for my application:

Software Requirement:

- ✓ **Operating System** : Microsoft Windows 10 or above.
- ✓ **Database/Back End** : MySQL.
- ✓ **Application Software/IDE and Tool** : NetBeans 8.2.
- ✓ **Language Tool** : JSP, HTML 5.0, Bootstrap CSS, JavaScript.
- ✓ **Server** : Apache Tomcat.

Hardware Requirement:

- ✓ **Processor** : Core to duo or above.
- ✓ **RAM** : Minimum 4 GB or above.
- ✓ **Hard Disk free space** : Minimum 20 GB or above.

REQUIREMENTS AND SPECIFICATIONS

FUNCTIONAL REQUIREMENTS

Admin:

- ✓ Manage Agent Records.
- ✓ Manage Customer Records.
- ✓ Approval of Customers and Agent Records.
- ✓ Allot agent to Customer.
- ✓ Pay To Agent.
- ✓ Reports.

Agent:

- ✓ Agent Registration.
- ✓ Agent Login.
- ✓ Add /Edit / Delete Tiffin.
- ✓ Approval of Customer Orders.
- ✓ Customer Order Delivery Page.
- ✓ Check for Payment.
- ✓ Reports.

Customer:

- ✓ Customer Registration.
- ✓ Customer Login.
- ✓ View Tiffin Gallery.
- ✓ Tiffin Order Page.
- ✓ View Tiffin Delivery Status
- ✓ Reports.

NON-FUNCTIONAL REQUIREMENTS

Security Requirements:-

Login for all Users

Each and every user must have a login to access the system.

Usability and Humanity Requirements:-

Ease of Use

The amount of information displayed on the screen should be such that the horizontal toolbar does not come into effect. I.e. the user can see all the information on the screen without having to scroll sideways.

Ease of Remembering

The navigation between the pages should be smooth so that user will be guided properly without a need of guess word or without remembering the page sequence.

Security Requirements

The system should be accessible from any computer connected to the internet.

Reliability and Availability

The application is to be available for 24 hours per and 7 days per week.

Performance /Response Time

Performance of the system would depend on the connectivity throughput, data size and available infrastructure.

95 % of transactions shall be processed in less than 6 seconds, except for downloading current prices for which more time is acceptable.

Archiving

Retention Period

Prospect Records (Prospect information, Questionnaire answers and proposed portfolio) will be retained in the system for 2 years. After this timeframe, all such records will be archived and then be removed from the live database server. A SQL script will be provided for the same.

Support and Maintenance Requirements

To enable the integration of new requirements into the HTS System, a formal change request process will be followed.

MODULE STRUCTURE OVERVIEW

In the project mainly there are 3 modules. They are:

- ✓ Agent module
- ✓ Customer module
- ✓ Admin Login Module

Agent module:

The system consists of agent module for the Customer to login and also a new agent signup where the new agent wants to register themselves. The agent is Tiffin vendor himself that is responsible for delivering the food to the customers. He gets all the information about the Tiffin's to be delivered and also he can add the Tiffin's. After delivering the Tiffin he just updates the status of the order and thus carry-on with the delivery process.

Customer module:

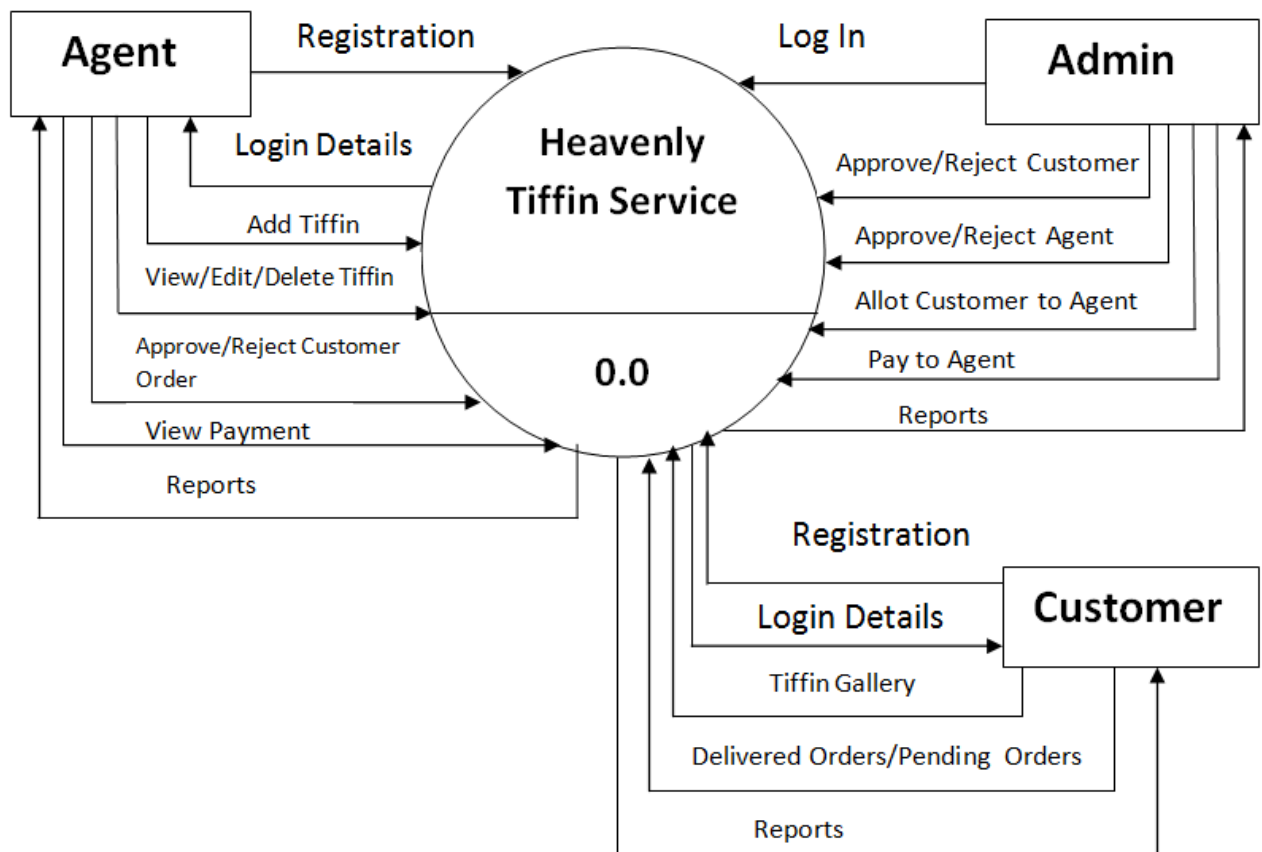
The system consists of customer module for the customer to login and also a new customer signup where the new customer wants to register themselves. The customer who have successfully logged in can access the Tiffin order page. It then shows up the Tiffin details It is also used to login and authenticate for an existing customer. The customers can then place the order and also they can manage the quantity of the order.

Admin module:

The system consists of admin module for the admin to login; the admin can edit and delete the agent. The admin through his dashboard can approve, edit and delete the customer. The admin through his dashboard can allot the agent to the customers and view reports generated by the system.

DATA FLOW DIAGRAM

Context Level Data Flow Diagram



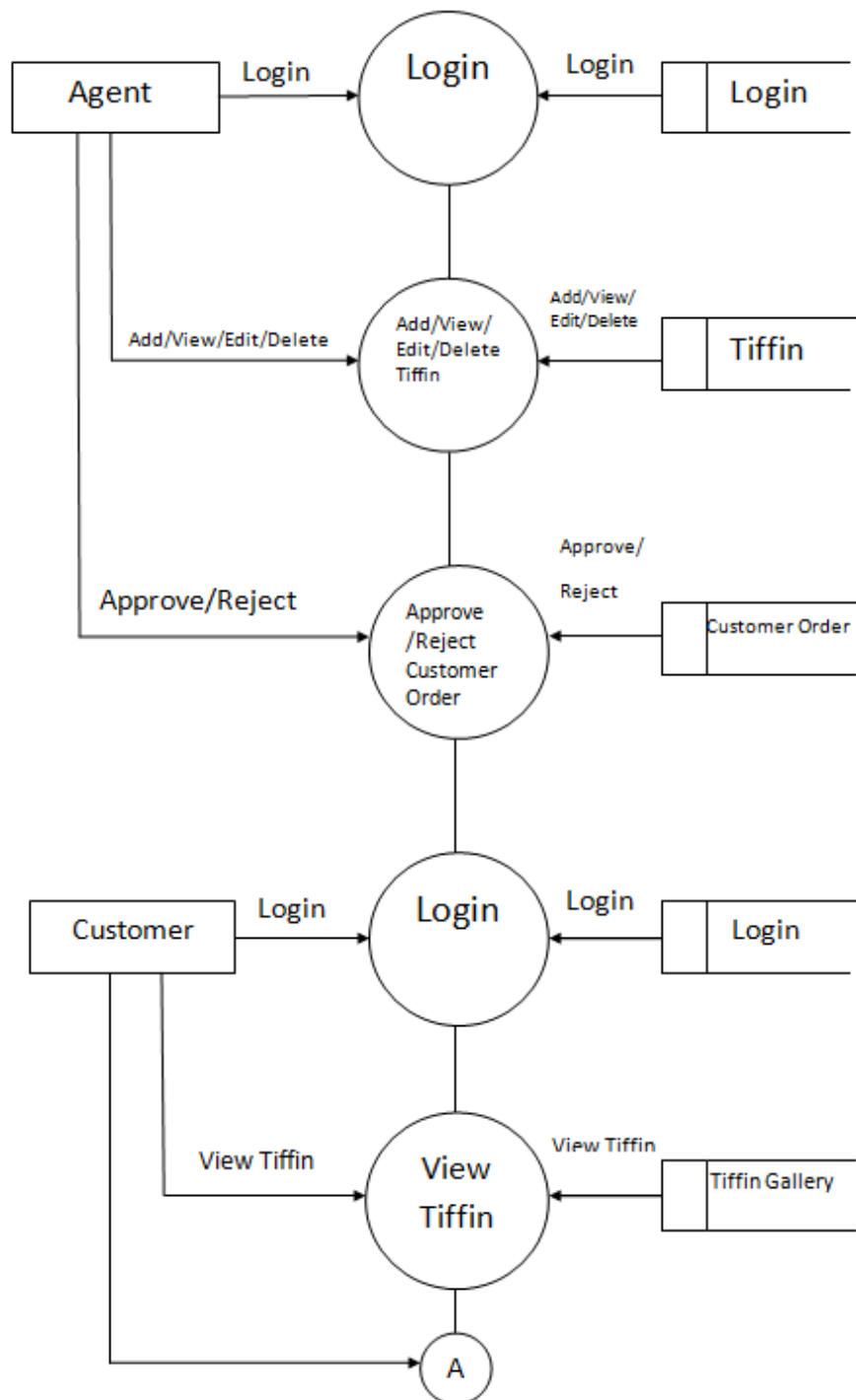
First Level Data Flow Diagram





TABLE DESIGN

Admin Login:

Server: 127.0.0.1 » Database: hts » Table: admin

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☐ Check all
 With selected:
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[Change](#)
[Drop](#)
[Primary](#)
[Unique](#)
[Index](#)
[Add to central columns](#)
[Remove from central columns](#)

Customer:

Server: 127.0.0.1 » Database: hts » Table: customer

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<input type="checkbox"/> 5	mobno	varchar(200)	latin1_swedish_ci		No	None			Change Drop Primary Unique Index Spatial Fulltext More
<input type="checkbox"/> 6	aadharno	varchar(200)	latin1_swedish_ci		No	None			Change Drop Primary Unique Index Spatial Fulltext More
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Agent:

Server: 127.0.0.1 » Database: hts » Table: agent

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<input type="checkbox"/> 3	emailid	varchar(200)	latin1_swedish_ci		No	None			Change Drop Primary Unique Index Spatial Fulltext
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Addtiffin:

Server: 127.0.0.1 » Database: hts » Table: addtiffin

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Ordertiffin:

Server: 127.0.0.1 » Database: hts » Table: ordertiffin

Table structure Relation view

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Allotment:

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Table structure Relation view

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Ordertiffin:

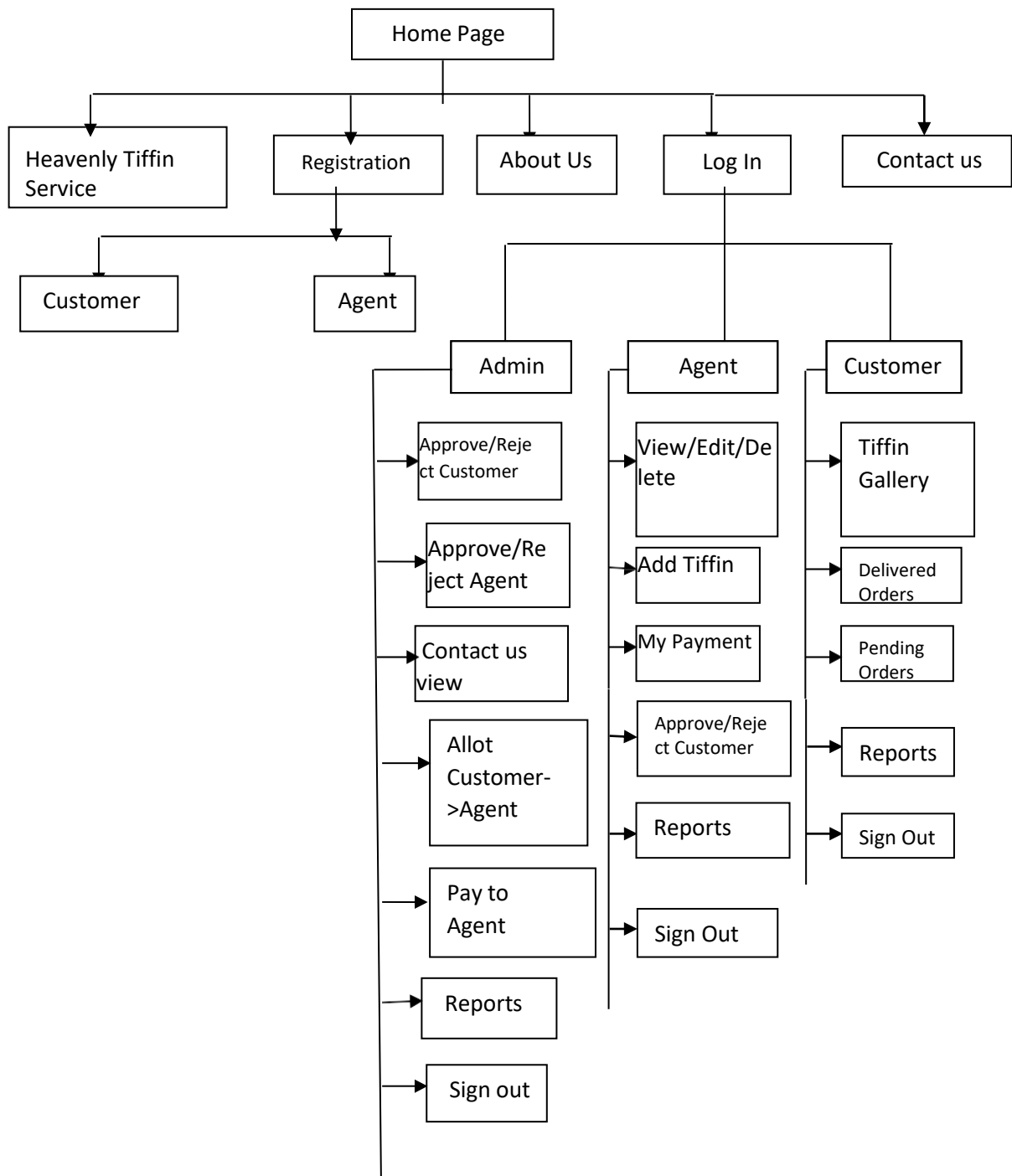
Server: 127.0.0.1 » Database: hts » Table: agentpayment

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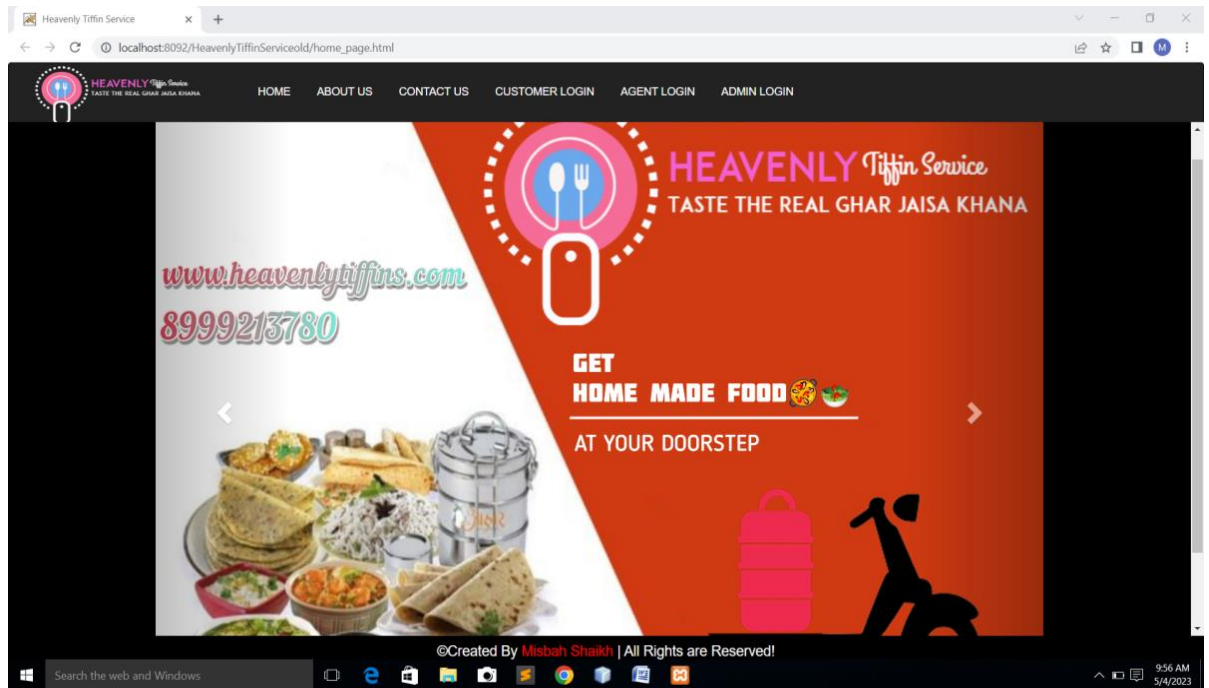
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<input type="checkbox"/> 2	cid	int(11)			No	None			Change Drop Primary Unique Index Spatial Fulltext More
<input type="checkbox"/> 3	cname	varchar(200)	latin1_swedish_ci		No	None			Change Drop Primary Unique Index Spatial Fulltext More
<input type="checkbox"/> 4	cemail	varchar(200)	latin1_swedish_ci		No	None			Change Drop Primary Unique Index Spatial Fulltext More
<input type="checkbox"/> 5	cmobno	varchar(200)	latin1_swedish_ci		No	None			Change Drop Primary Unique Index Spatial Fulltext More
<input type="checkbox"/> 6	tiffinitle	varchar(200)	latin1_swedish_ci		No	None			Change Drop Primary Unique Index Spatial Fulltext More
<input type="checkbox"/> 7	tiffinqty	int(11)			No	None			Change Drop Primary Unique Index Spatial Fulltext More
<input type="checkbox"/> 8	tiffinprice	int(11)			No	None			Change Drop Primary Unique Index Spatial Fulltext More
<input type="checkbox"/> 9	paytype	varchar(200)	latin1_swedish_ci		No	None			Change Drop Primary Unique Index Spatial Fulltext More
<input type="checkbox"/> 10	catransid	varchar(200)	latin1_swedish_ci		No	None			Change Drop Primary Unique Index Spatial Fulltext More
<input type="checkbox"/> 11	totalprice	int(11)			No	None			Change Drop Primary Unique Index Spatial Fulltext More
<input type="checkbox"/> 12	aid	int(11)			No	None			Change Drop Primary Unique Index Spatial Fulltext More
<input type="checkbox"/> 13	aname	varchar(200)	latin1_swedish_ci		No	None			Change Drop Primary Unique Index Spatial Fulltext More
<input type="checkbox"/> 14	aemail	varchar(200)	latin1_swedish_ci		No	None			Change Drop Primary Unique Index Spatial Fulltext More
<input type="checkbox"/> 15	amobno	varchar(200)	latin1_swedish_ci		No	None			Change Drop Primary Unique Index Spatial Fulltext More
<input type="checkbox"/> 16	totalpayment	int(11)			No	None			Change Drop Primary Unique Index Spatial Fulltext More
<input type="checkbox"/> 17	apaytype	varchar(200)	latin1_swedish_ci		No	None			Change Drop Primary Unique Index Spatial Fulltext More
<input type="checkbox"/> 18	atransid	varchar(200)	latin1_swedish_ci		No	None			Change Drop Primary Unique Index Spatial Fulltext More
<input type="checkbox"/> 19	paymentflag	int(11)			No	0			Change Drop Primary Unique Index Spatial Fulltext More

MENU TREE

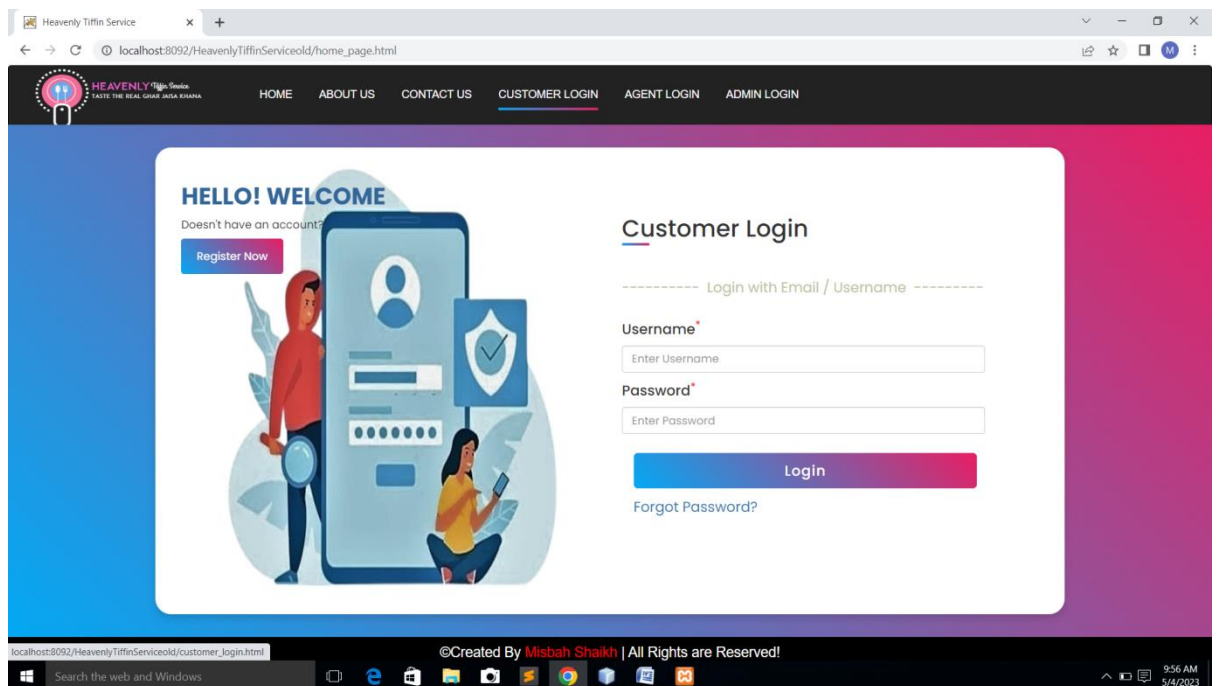


SYSTEM DESIGN

Home page:



Customer Login page:



Agent Login page:

Heavenly Tiffin Service

HOME ABOUT US CONTACT US CUSTOMER LOGIN AGENT LOGIN ADMIN LOGIN

HELLO! WELCOME

Doesn't have an account?

Register Now

Agent Login

----- Login with Email / Username -----

Username*

Enter Username

Password*

Enter Password

Login

Forgot Password?

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Admin Login page:

Heavenly Tiffin Service

HOME ABOUT US CONTACT US CUSTOMER LOGIN AGENT LOGIN ADMIN LOGIN

Admin Login

Username*

Enter Username

Password*

Enter Password

Login Home

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Agent Registration:

Heavenly Tiffin Service

HOME ABOUT US CONTACT US CUSTOMER LOGIN AGENT LOGIN ADMIN LOGIN

Agent Registration

Hey, Enter Your details to get your account!

First Name* Middle Name* Last Name*

Enter FullName

Email-id* Password* Confirm Password*

Enter Email-id Enter Password Enter Confirm Password

Mobile Number* Aadhar Number* Date of Birth*

Enter Phone Number Enter Aadhar Number mm/dd/yyyy

Gender* State* City / Town / Village*

Male Andhra Pradesh Enter City/Town/Village

PIN Code* Locality / Sub Locality* Building No. / Flat No.*

Enter PIN Code Enter Locality/Sub Locality Enter Building No. / Flat No.

Payment Details

Payment Type* Transaction Id* Registration Charges

GPay Enter Transaction Id 500

©All Kinds of payment accepted on 8999213780

Submit Reset Dashboard

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Search the web and Windows 9:56 AM 5/4/2023

Customer Registration:

Heavenly Tiffin Service

HOME ABOUT US CONTACT US CUSTOMER LOGIN AGENT LOGIN ADMIN LOGIN

Customer Registration

Hey, Enter Your details to get your account!

Full Name*

Enter FullName

Email-id* Password* Confirm Password*

Enter Email-id Enter Password Enter Confirm Password

Mobile Number* Aadhar Number* Date of Birth*

Enter Phone Number Enter Aadhar Number mm/dd/yyyy

Gender* State* City / Town / Village*

Male Andhra Pradesh Enter City/Town/Village

PIN Code* Locality / Sub Locality* Building No. / Flat No.*

Enter PIN Code Enter Locality/Sub Locality Enter Building No. / Flat No.

Payment Details

Payment Type* Transaction Id* Registration Charges

GPay Enter Transaction Id 500

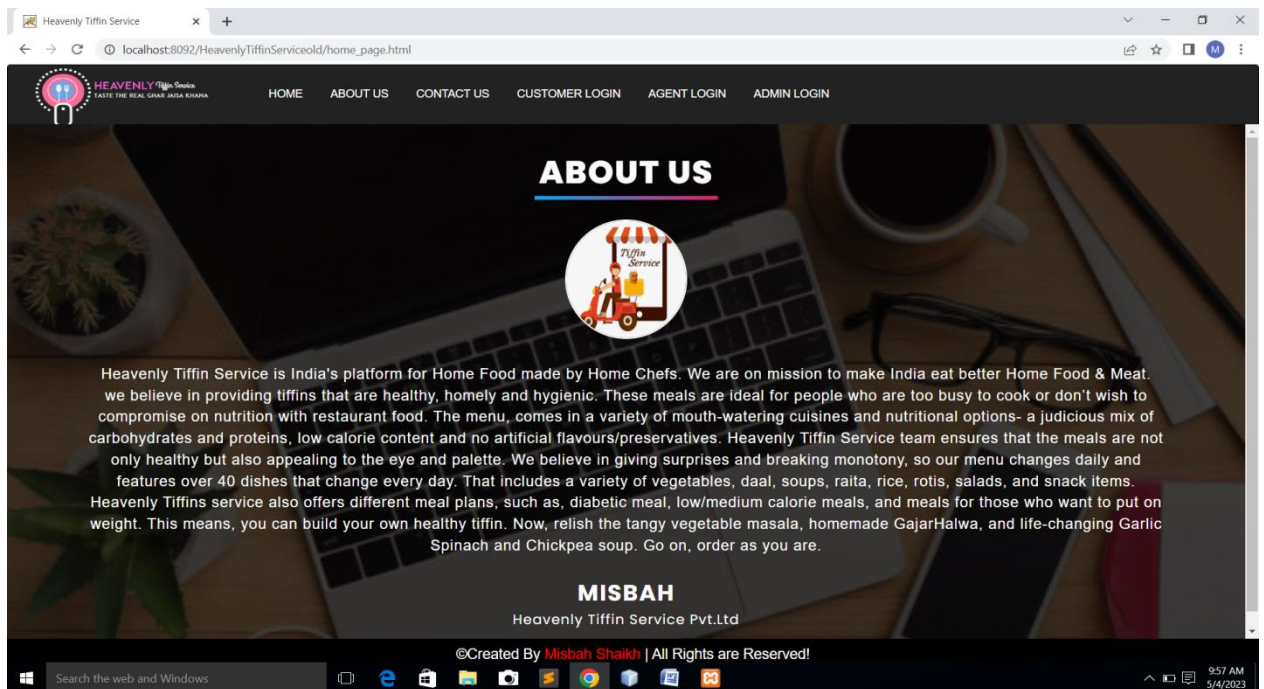
©All Kinds of payment accepted on 8999213780

Submit Reset Dashboard

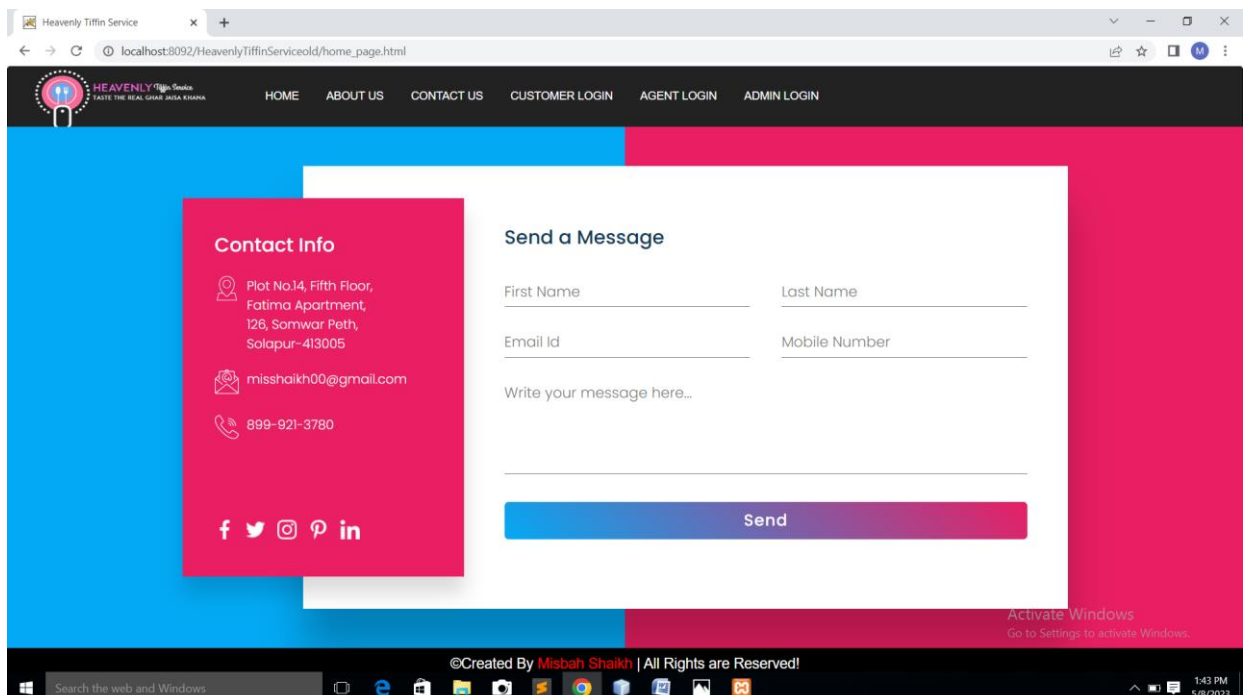
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Search the web and Windows 9:56 AM 5/4/2023

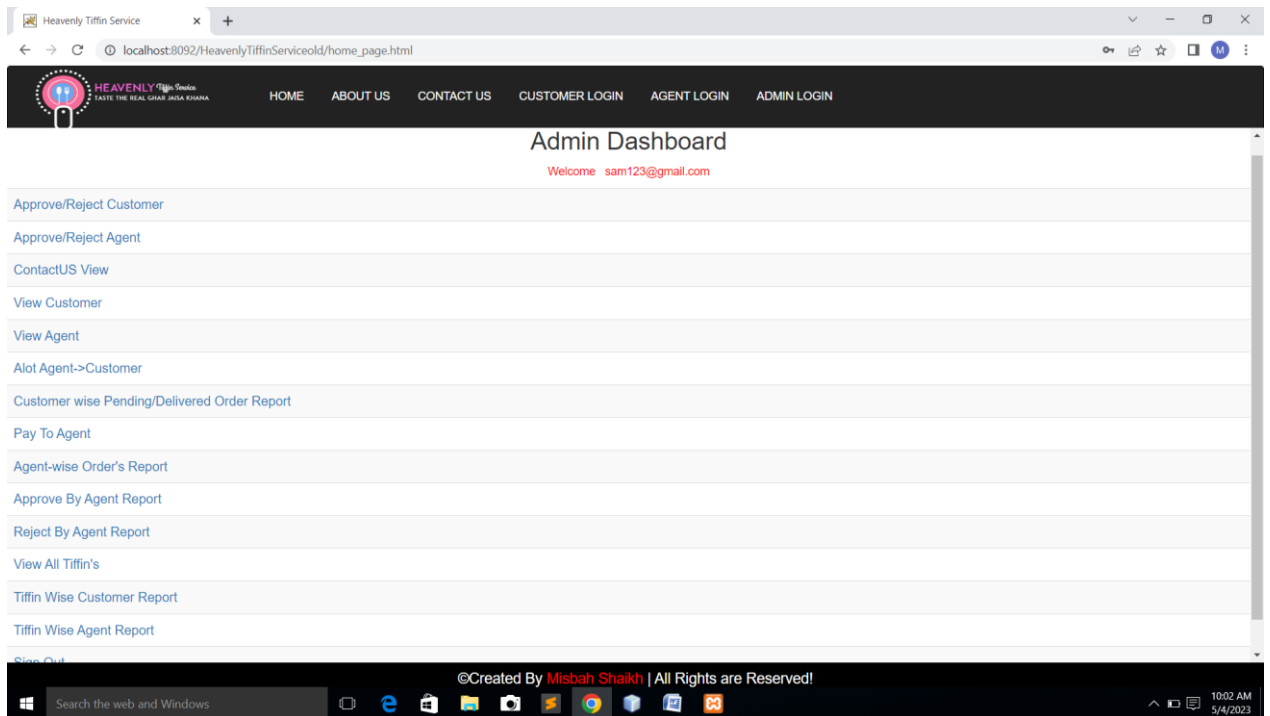
About us:



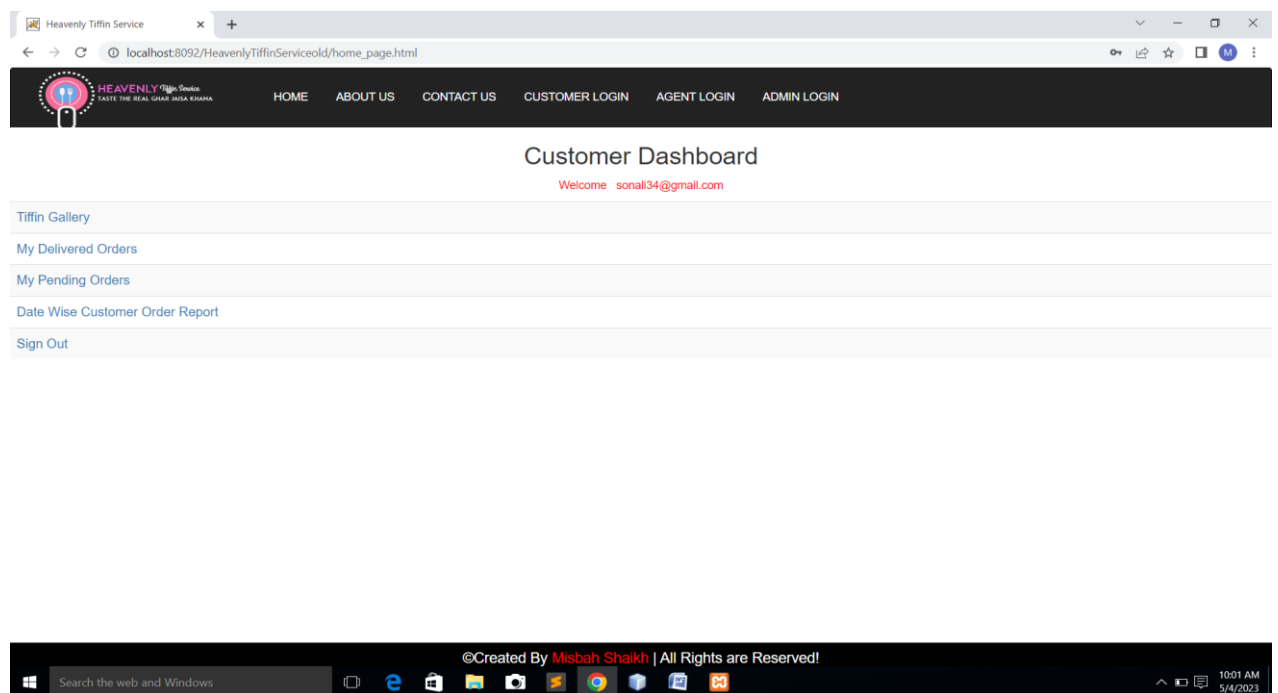
Contact us:



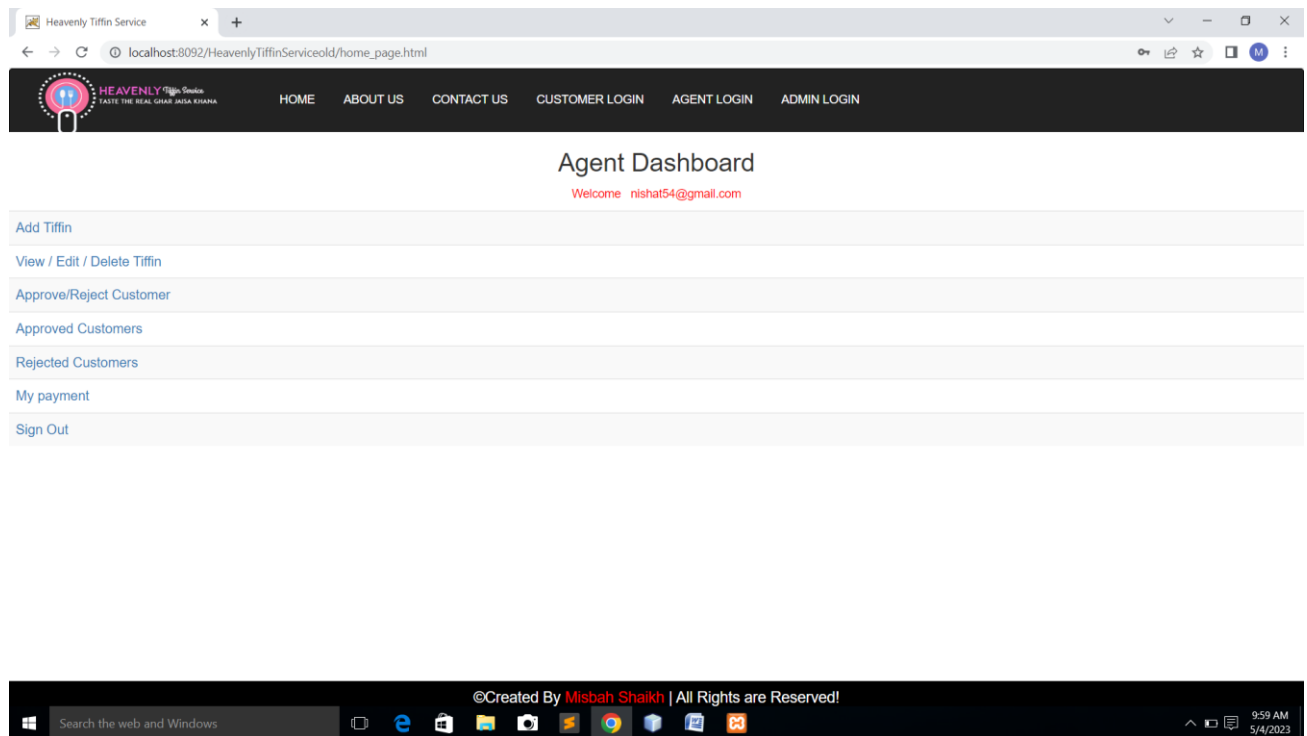
Admin Dashboard:



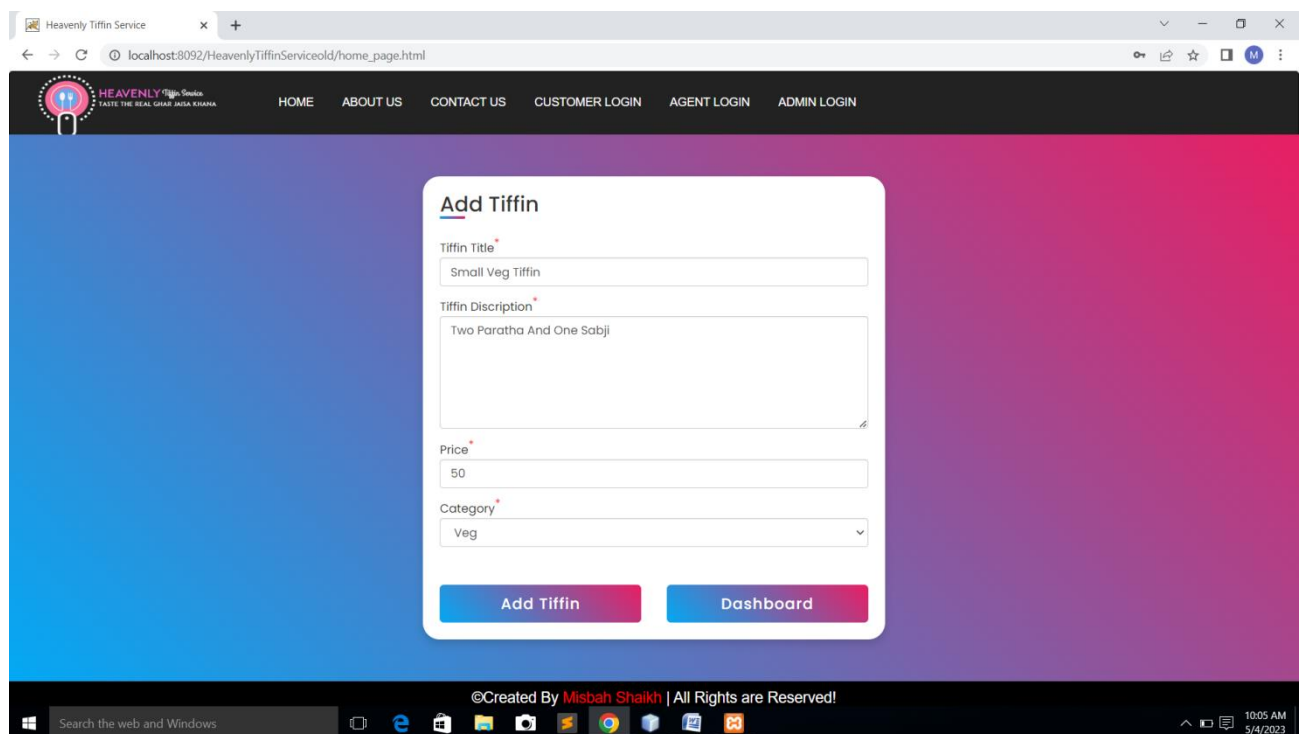
Customer Dashboard:



Agent Dashboard:



Add Tiffin:



Tiffin Details Report:

The screenshot displays the 'Tiffin Details' report in a web browser. The browser address bar shows 'localhost:8092/HeavenlyTiffinServiceold/home_page.html'. The website header includes a logo and navigation links: HOME, ABOUT US, CONTACT US, CUSTOMER LOGIN, AGENT LOGIN, and ADMIN LOGIN. The report title 'Tiffin Details' is centered in a blue and purple gradient bar. Below the title, a 'Dashboard' tab is active. The report is presented as a table with 7 columns: Tiffin id, Tiffin Title, Description, Price, Category, Edit, and Delete. The table contains 8 rows of data, with the third row (Large Veg Tiffin) highlighted. At the bottom of the browser window, a footer reads '©Created By Misbah Shaikh | All Rights are Reserved!' and the system clock shows 10:04 AM on 5/4/2023.

Tiffin id	Tiffin Title	Description	Price	Category	Edit	Delete
1	Small Veg Tiffin	Two Paratha And One Sabji	50	Veg	Edit	Delete
2	Medium Veg Tiffin	Two Roti, Rice, One Sabji, Raita, Salad And Pickle	150	Veg	Edit	Delete
3	Large Veg Tiffin	Four Roti, Rice, Tadka Vegetable, Chutney, Salad, Pickle, Papad	250	Veg	Edit	Delete
4	Small Non-Veg Tiffin	Two Nan And Mix Chicken	50	Non-Veg	Edit	Delete
5	Medium Non-Veg Tiffin	Kadai Chicken And Rice	150	Non-Veg	Edit	Delete
6	Large Non-Veg Tiffin	Mutton, Biryani And Salad	250	Non-Veg	Edit	Delete
8	Small Veg Tiffin	ewrw	213	Veg	Edit	Delete

Allot Customer To Agent:

The screenshot shows the 'Allot Customer To Agent' form in the web application. The browser address bar is the same as the previous screenshot. The website header is identical. The form is titled 'Customer Details' and 'Agent Details'. It contains two main sections for data entry. The 'Customer Details' section includes fields for Date (4-5-2023), a dropdown menu (5), another dropdown menu (7), and a 'Search' button. Below these are input fields for Customer Id (6), Customer Name (sada salim shaikh), email-id (sadal23@gmail.com), Mobile Number (7465959325), State (Maharashtra), City / Town / Village (solapur), PIN Code (413002), Locality / Sub Locality (Begum peth), and Building No. / Flat No. (4). The 'Agent Details' section includes fields for Agent Id (8), Agent Name (nishat rais shaikh), email-id (nishat54@gmail.com), Mobile Number (7597349857), State (Karnataka), City / Town / Village (Sikandrabad), PIN Code (412002), Locality / Sub Locality (Shamiyana nagar), and Building No. / Flat No. (26). At the bottom, the same footer and system clock are visible.

Pay To Agent:

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Tiffin wise Customer Report:

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Tiffin wise Agent Report:

The screenshot displays a web application interface for 'Heavenly Tiffin Service'. The header includes navigation links: HOME, ABOUT US, CONTACT US, CUSTOMER LOGIN, AGENT LOGIN, and ADMIN LOGIN. The main heading is 'Tiffin wise Agent Report'. Below this, there is a search section with a dropdown menu set to 'Small Veg Tiffin' and a 'Search' button. The results are shown in a table with the following columns: Agent Id, Agent Name, Email-Id, Mobile Number, Aadhar Number, State, City / Town / Village, Pin code, Locality / sub Locality, and Flat No. / Building No. The table contains one record for Agent Id 8, Agent Name nishat rais shaikh, Email-Id nishat54@gmail.com, Mobile Number 7597349857, Aadhar Number 984973675002, State Karnataka, City / Town / Village Sikandrabad, Pin code 412002, Locality / sub Locality Shamiyana nagar, and Flat No. / Building No. 26. The footer of the application shows '©Created By Misbah Shaikh | All Rights are Reserved!' and a Windows taskbar at the bottom with the date 5/8/2023 and time 2:13 PM.

Agent Id	Agent Name	Email-Id	Mobile Number	Aadhar Number	State	City / Town / Village	Pin code	Locality / sub Locality	Flat No. / Building No.
8	nishat rais shaikh	nishat54@gmail.com	7597349857	984973675002	Karnataka	Sikandrabad	412002	Shamiyana nagar	26

USER MANUAL

When users first visits website the homepage is visible where user can see the menu provided by website.

1. Admin Login:

When admin enter email and password correctly admin is successfully logged in.

When admin is login then admin dashboard gets opened.

Admin Dashboard Consists of:

- ✓ Approve/Reject Customer.
- ✓ Approve/Reject Agent.
- ✓ Allot Customer to Agent.
- ✓ Contact us View.
- ✓ Pay to Agent.
- ✓ Reports.

2. Agent Login:

When Agent is logged in the Agent Dashboard gets opened.

Agent Dashboard Consists of:

- ✓ Add Tiffin.
- ✓ View/Edit/Delete Tiffin.
- ✓ Approve/Reject Customer.
- ✓ View Payment.
- ✓ Reports.

3. Customer Login:

When Customer is logged in the Customer Dashboard gets opened.

Customer Dashboard Consists of:

- ✓ Tiffin Gallery
- ✓ View Delivered Orders/Pending Orders.
- ✓ Reports

SYSTEM TESTING

Introduction

The purpose of testing is verification, validation and error detection in order to find problems. And the purpose of finding those problems is to get them fixed.

- ✓ *Verification* is the checking or testing of items, including software, for conformance and consistency by evaluating the results against pre-specified requirements. [*Verification: Are we building the system, right?*]
- ✓ *Error Detection*: Testing should intentionally attempt to make things go wrong to determine if things happen when they shouldn't or things don't happen when they should.
- ✓ *Validation* looks at the system correctness – i.e., is the process of checking that what has been specified is what the user actually wanted. [*Validation: Are we building the right system?*]

Few points considered during testing were:

- ✓ Testing should be carried out with a purpose of finding errors rather than to determine what is correct.
- ✓ Good test cases should be used.
- ✓ Line by line code walkthrough and inspection should be carried out.
- ✓ Checking number of actual and formal arguments of a function to be in agreement.
- ✓ Unnecessary code should be removed.
- ✓ Proper validation of the fields should be carried out.
- ✓ Testing should be carried out in structured manner starting from the testing of each module to that of the testing of the GUI.

✓ Item Pass/Fail criteria

The test results compared with the „expected results“ specified in the test cases suite. The results for test items which matched with their expected results were considered as successful. The results for test items which did not match with their expected results were considered as Fail items.

✓ Preparation of Test Data

The test data was prepared for every field that required user input. The various types of fields which contain numeric data, alphabetical data is put under the following testing condition:

Try Every kind of Invalid Entry

- ✓ Empty
- ✓ Blank
- ✓ Zero
- ✓ Wrong format

FUTURE ENHANCEMENT / PROPOSED ENHANCEMENT

CONCLUSION

- ✓ We can save large amount of data easily.
- ✓ It helps to generate the different reports easily.
- ✓ This system will give the customers a better use friendly environment to order online.

ENHANCEMENT

- ✓ Provide backup facility.
- ✓ Provide printing of receipt facility.
- ✓ Provide facility to different types packages and rooms.
- ✓ Provide to online payment booking.

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- ✓ www.codeproject.com
- ✓ www.itsourcecode.com
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- ✓ <https://stackoverflow.com>
- ✓ <https://guru99.com>
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