1. INTRODUCTION

It is known globally that, in today's market, it is extremely difficult to start a new small-scale business and live-through the competition from the well-established and settled owners. In fast paced time of today, when everyone is squeezed for time, the majority of people are finicky when it comes to placing a food order. The customers of today are not only attracted because placing an order online is very convenient but also because they have visibility into the items offered, price and extremely simplified navigation for the order. Food ordering system that I am proposing here, greatly simplifies the ordering process for both the customer and the restaurant.

System presents an interactive and up-to-date menu with all available options in an easy to use manner. Customer can choose one or more items to place an order which will land in the Cart. Customer can view all the order details in the cart before checking out. At the end, customer gets order confirmation details. Once the order is placed it is entered in the database and retrieved in pretty much real time. This allows Restaurant Employees to quickly go through the orders as they are received and process all orders efficiently and effectively with minimal delays and confusion. The motivation for designing this application came because my family is involved in the fast food business and I personally do not like waiting for long in the store or to have to call store to place an order especially during the peak lunch or dinner hours. Moreover, I value recent learning about the Java and JSP Programming languages as well as seeing how powerful and dynamic they are when it comes to designing and applications. The languages used to build this application are JavaScript, JSP, HTML and Java at client facing whereas Oracle database at the back-end because I found them to be extremely useful while working on the technologies. this application helps the restaurants to do all functionalities more accurately and faster way, food ordering system reduce manual works and improves quality of mess. this application is helping food ordering is to maintain the stock and cash flows and there are many more functionalities like,

* to store records

*control order and services

*billing

*control multiple branches

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2. SYSTEM ANALYSIS

1 Purpose System:

- Schedule can be flexible, according to the needs of customer.
- Members can be a heterogeneous group, even global, with a variety of non-intersecting (and perhaps conflicting) social circles and customs.
- Modern serving tools are used, such as multimedia.

2 login

2.1 Administrator Login:

The administrator is the ultimate controller of the application with the highest authority. He/she has the following features:-

A) It display a list of members registered for the mess

B) He can see the current order of the members

C) He can also see the pending bills of the customers

3. FEASIBILITY ANALYSIS

The measure of how beneficial or practical development of informant system will to organization along this topic feasibility is measured. So far taking the feasibility study and feasibility analysis during this development of the project offline food ordering system we have studied on the four major categories of feasibility study

1) Operational feasibility

Operational feasibility is the major of how well the project will support the customer and the service provider during the perianal phase .it answers the question, is the project feasible to operate or not?

2) Technical feasibility

It measure the feasibility of the particular solution and the availability of technical resource and expertise technical feasibility looks at what is practical and reasonable it mainly addresses their major issue ;

Is the proposed technology or solution practical?

Do we currently possess the necessary technology and technical expertise?

3) Schedule feasibility

It is the measure of how reasonable the project time table is or the deadline is reasonable or not during the lack of time or the time become mandatory we must finish the project within a given time

4) Economic feasibility

It is the measure of the cost effectiveness of a project which is often called cost benefit analysis as long as the long user requirement and alternative technical solution have been identified we can identify the raw cost weight and benefit of each alternative

4. SYSTEM REQUIREMENT

4.1 Software Requirement

A) Front End: JAVA

Java is a general-purpose computer programming language that is concurrent, class-based, object-oriented, and specifically designed to have as few implementation dependencies as possible. It is intended to let application developers "write once, run anywhere" (WORA), meaning that compiled Java code can run on all platforms that support Java without the need for recompilation. Java applications are typically compiled to byte code that can run on any Java virtual machine (JVM) regardless of computer architecture. The latest version is Java 8 Update 121 which is the on version currently supported for free by Oracle, although earlier versions are supported both by Oracle and other companies on a commercial basis.

B) Back End : MYSQL

MYSQL is an open source relational database management system (RDBMS) based on Structured Query Language (SQL), Developed by Microsoft.A database is a separate application that stores a collection of data. Each database has one or more distinct APIs for creating, accessing, managing, searching and replicating the data it holds.

4.2. Hardware Requirement

Hard Disk Size: RAM 1GB and above.
Keyboard and mouse.

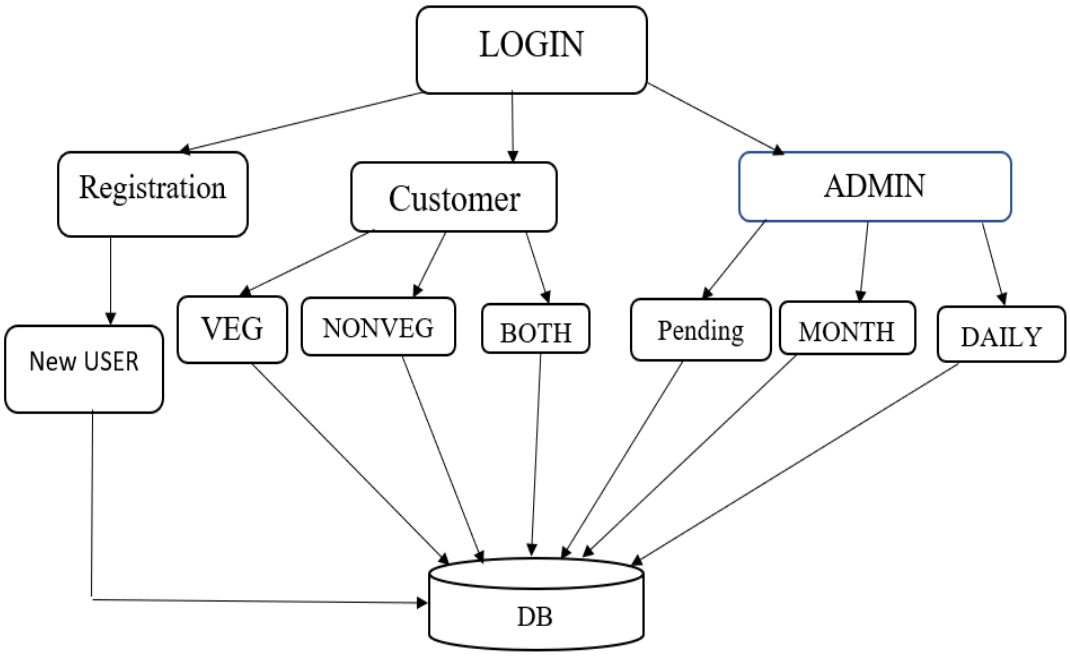
4.3. Operating System

Windows 7

Windows 7 is an Operating system produced by Microsoft for use on personal computers, including home and business Desktop computer, laptops, Notebook, Microsoft tablet PC, and Home theatre PCs. It was released to manufacturing on July 22, 2009, and became generally available retail worldwide on October 22, 2009, less than three years after the release of its predecessor, Windows Vista. Windows 7's server counterpart, Windows Server 2008 R2, was released at the same time. Windows 7 is succeeded by Windows 8.

5. DATAFLOW DIAGRAM

A data-flow diagram (DFD) is a way of representing a flow of a data of a process or a system (usually an information system). The DFD also provides information about the outputs and inputs of each entity and the process itself. A data-flow diagram has no control flow, there are no decision rules and no loops. Specific operations based on the data can be represented by a flowchart.

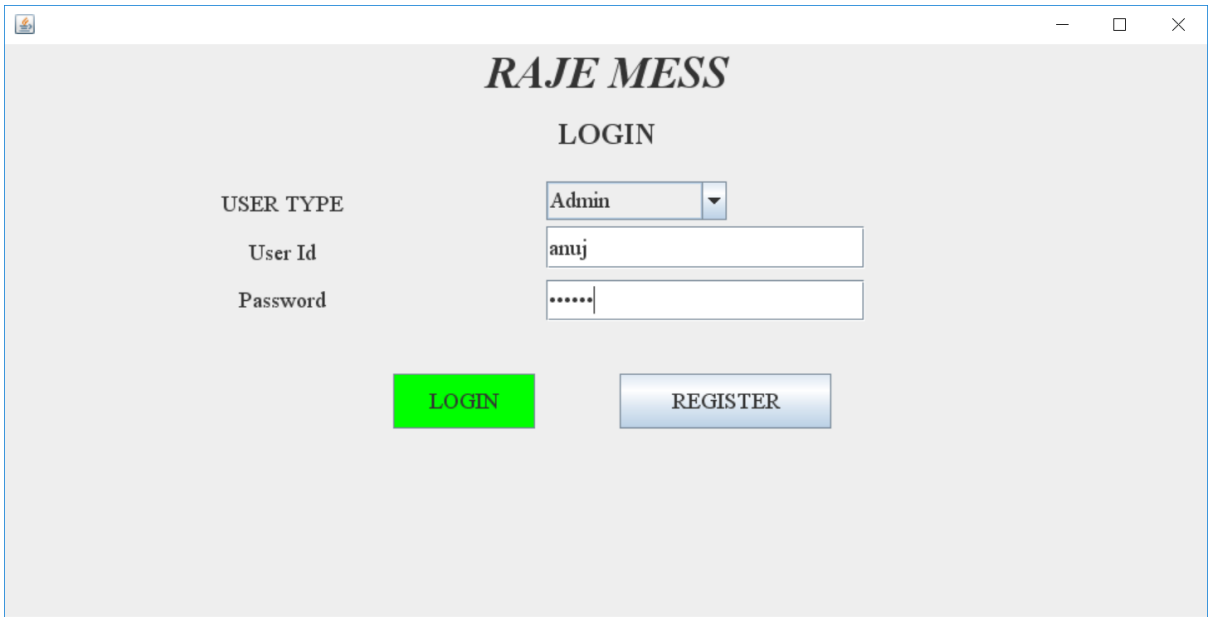


6. SOFTWARE INTERFACE

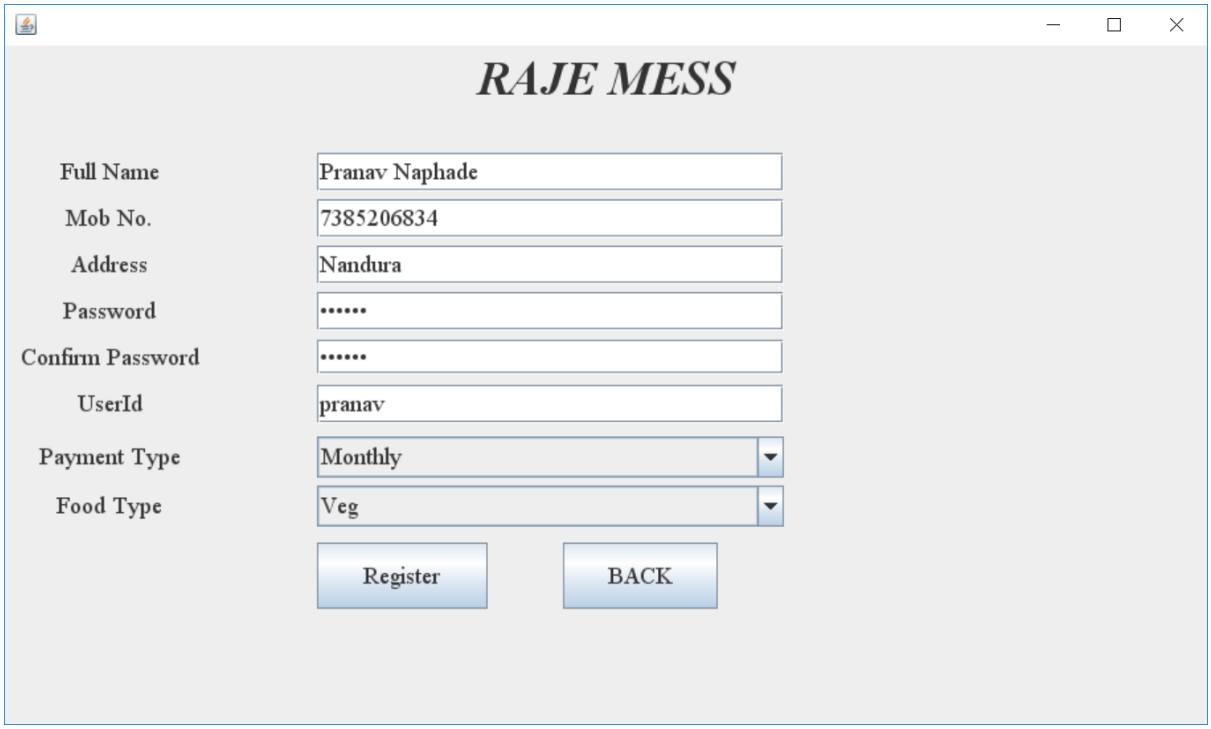
The original and reference implementation Java compilers, virtual machines, and class libraries were originally released by Sun under proprietary licenses. As of May 2007, in compliance with the specifications of the Java Community Process, Sun relicensed most of its Java technologies under the GNU General Public License. Others have also developed alternative implementations of these Sun technologies, such as the GNU Compiler for Java (byte code compiler), GNU Class path (standard libraries), and Iced Tea-Web (browser plug in for applets).The latest version is Java 8 Update 121 which is the only version currently supported for free by Oracle, although earlier versions are supported both by Oracle and other companies on a commercial basis.

7. SYSTEM DESIGN

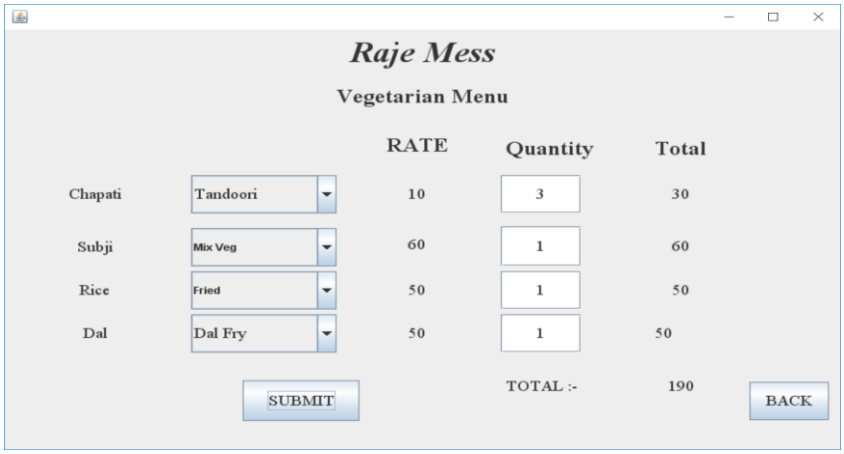
A)Login page



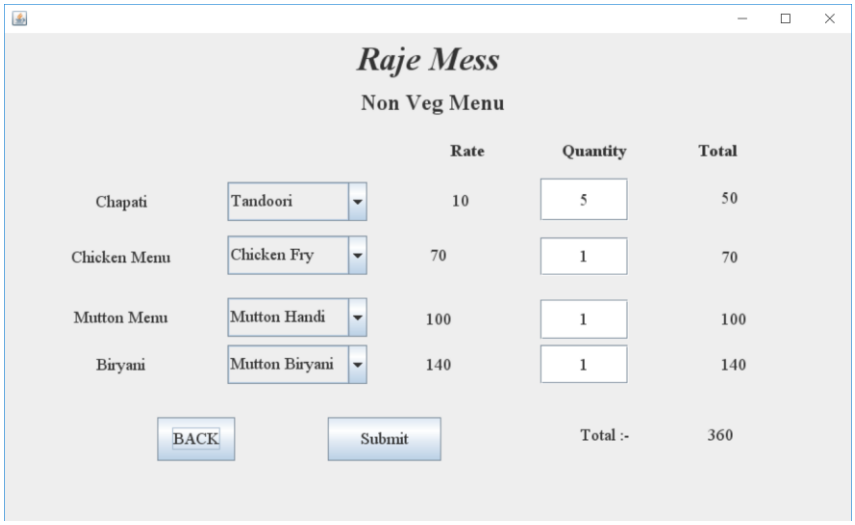
b) Registration



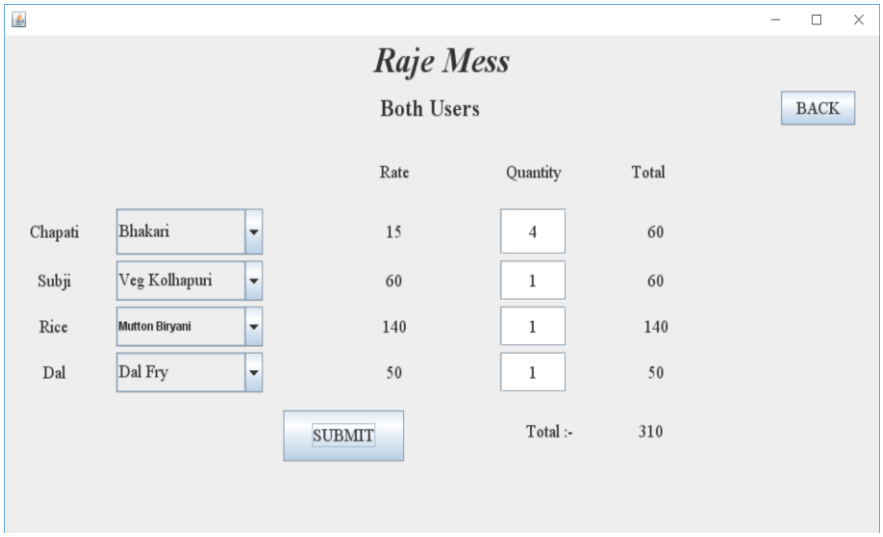
C)Veg Menu



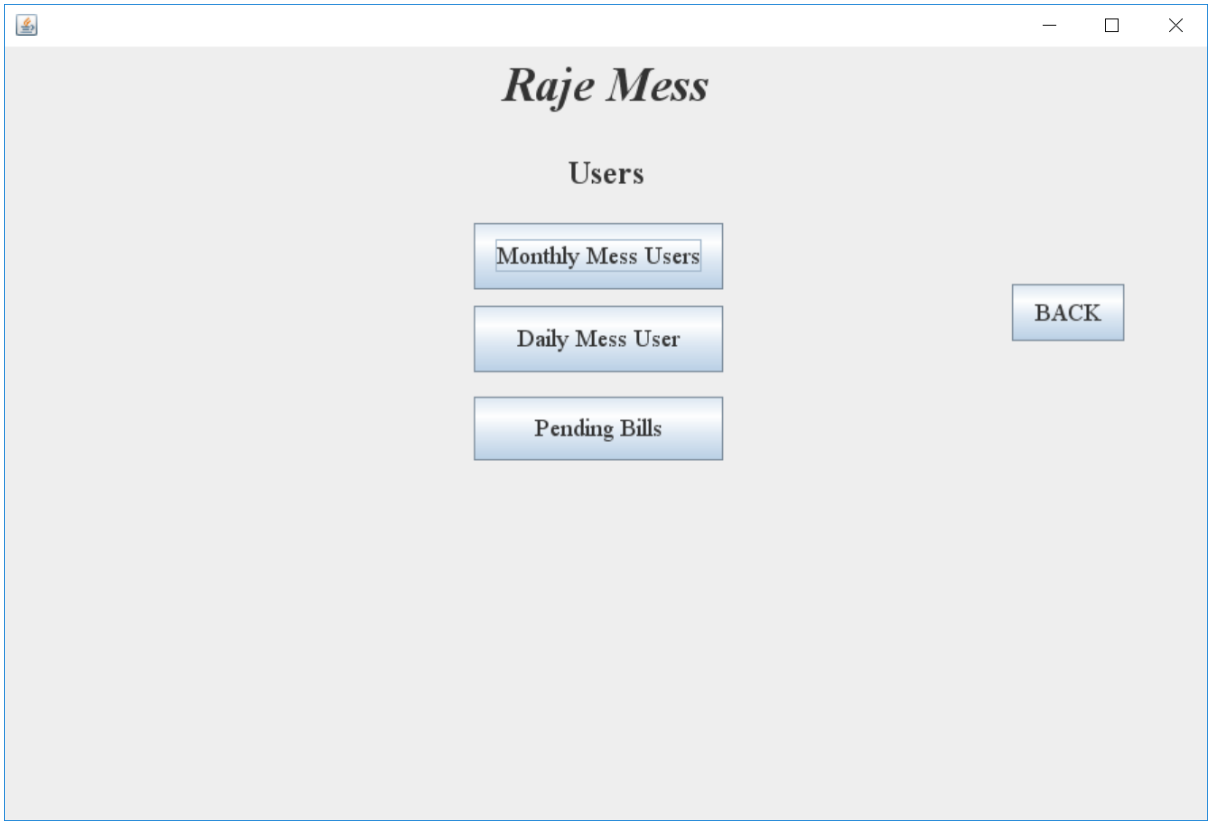
D)Non Veg Menu



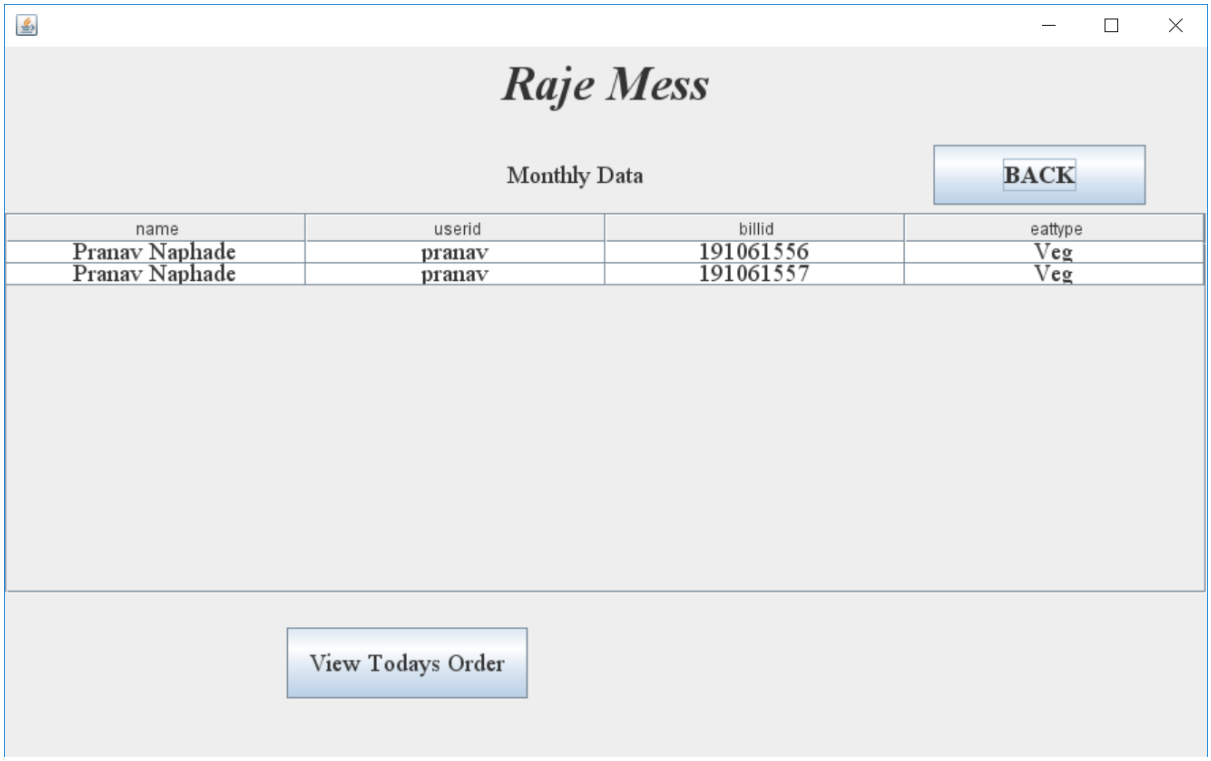
D)Both



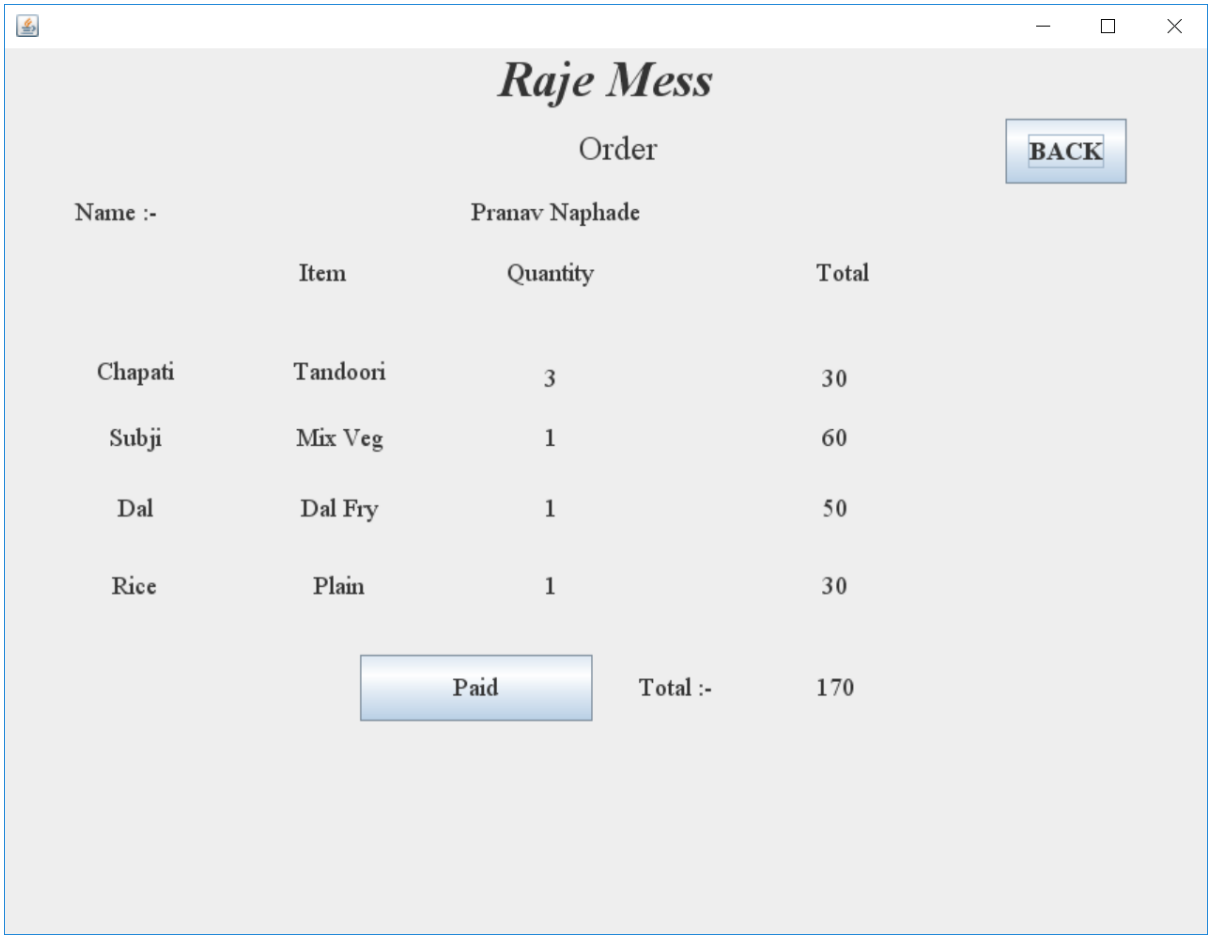
E) Admin Home



F) Monthly user todays bill

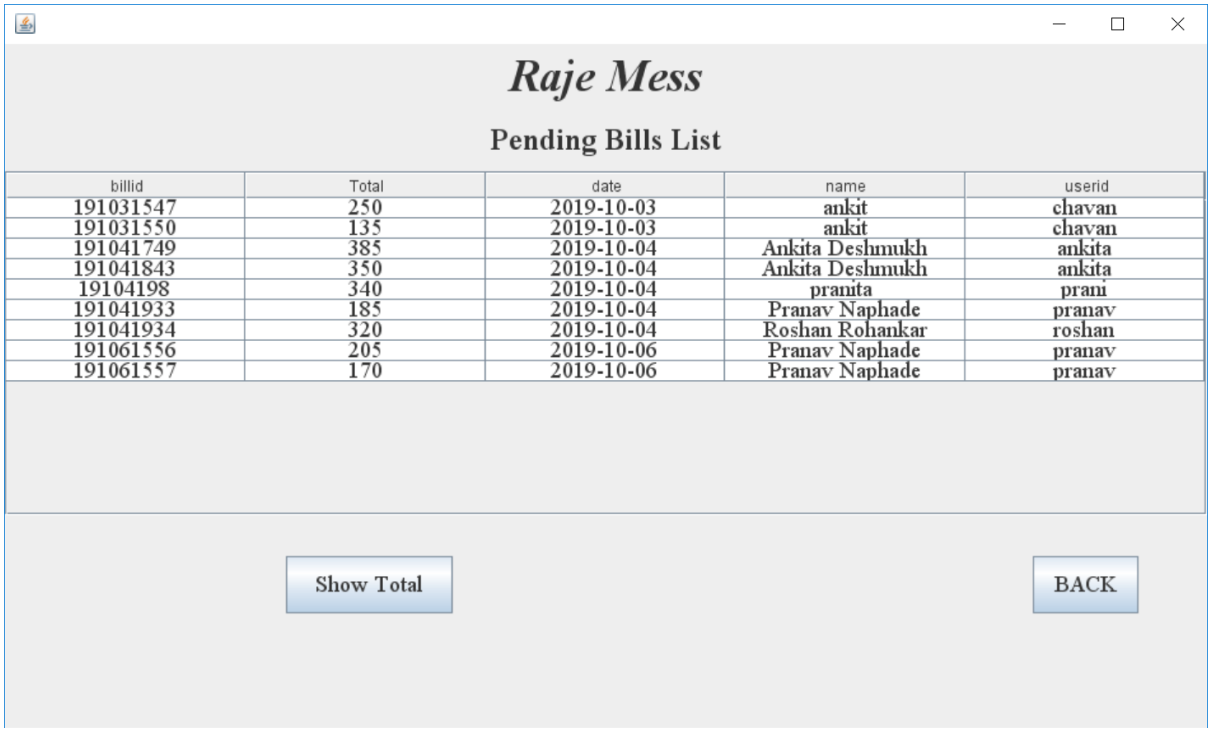


G) User bill



H) Payment

I) Pending Bill


Raje Mess
Pending Bills List
billid Total date name userid
191031547 250 2019-10-03 ankit chavan
191031550 135 2019-10-03 ankit chavan
191041749 385 2019-10-04 Ankita Deshmukh ankita
191041843 350 2019-10-04 Ankita Deshmukh ankita
19104198 340 2019-10-04 pranita prani
191041933 185 2019-10-04 Pranav Naphade pranav
191041934 320 2019-10-04 Roshan Rohankar roshan
191061556 205 2019-10-06 Pranav Naphade pranav
191061557 170 2019-10-06 Pranav Naphade pranav
Show Total
BACK

8. Table Used

Registration

Column Name	Datatype	Key
Userid	Varchar(10)	Primary key
Password	Varchar(10)	
Ctype	Varchar(10)	
Mobno	Varchar(10)	Unique
Period	Varchar(10)	Not null
Eattype	Varchar(10)	
Address	Varchar(30)	
Name	Varchar(20)	Not null

Menu

Column name	Datatype	Key
Itemid	Int	Primary key
Itemname	Varchar(15)	
Price	Int	

Billidgeneration

Column name	Datatype	Key
Billid	Varchar(15)	Primary key
Userid	Varchar(10)	
Date	Date	
Time	Varchar(10)	

Bill

Column name	Datatype	Key
Billid	Varchar(15)	Foreign key references billid from billidgeneration
Itemid	Int	Foreign key references itemid from menu
Quantity	Int	

Payment

Column name	Datatype	Key
Billid	Varchar(15)	Foreign key references billid from billidgeneration
Paid	Varchar(10)	

9. SOFTWARE TESING

The purpose of the study in reported in this paper was to identify why instructors adopt synchronous virtual classrooms and how they use them after their adoption. In describing their reasons for adopting the technology, respondents most frequently cited institutional resource availability, increasing social presence, enhancing student learning, and the availability of technology. Students on various campuses of tertiary institutions are facing certain level of challenges that affect their participation in classes and learning generally. Some of these students may be physically challenged, and hospitalized due to illness or may be involved in one type of job or the other to be able to meet up with their financial needs. Web-based learning therefore offers interesting opportunities and democratic advantage to these categories of students. Certain studies in the past also addresses provision of assistive learning technology for the physical challenged. For instance, a paper in reported a voiced-based learning system for the virtually impaired learners. More so, the paper in presents a central learning system, whose goal was to facilitate teaching and learning for both teachers of the deaf and deaf impaired persons in Jordan.

10. CONCLUSIONS

Computer is an electronic device that receive input from the user and the processed.it in a fashion and display the result on the screen. The goal of database management system is to offer more convenience as well as more efficiency to access data from a database with high security Food is related to health and wellbeing. good food is well balanced that gives our body all that it needs .it is directly linked with growth but adulteration affects youngster growth, so we create awareness student in this area now student gets the power to make right choice to select their healthy food.

11.. Future scope

The following section describes the work that will be implemented with future releases of the software.

• Customize orders: Allow customers to customize food orders

• Enhance User Interface by adding more user interactive features. Provide Deals and promotional

Offer details to home page. Provide Recipes of the Week/Day to Home Page

• Payment Options: Add different payment options such as PayPal, Cash, Gift Cards etc. Allow to

save payment details for future use.

• Allow to process an order as a Guest

• Delivery Options: Add delivery option

• Order Process Estimate: Provide customer a visual graphical order status bar

• Order Status: Show only Active orders to Restaurant Employees.

• Order Ready notification: Send an Order Ready notification to the customer

12. Reference

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BOOKS:-.

DESIGINING AND TEACHING ONLINE COURSE.

By: Grant p. Wiggins

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