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Mobile based restaurant reservation system



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1. Introduction

This user manual is designed to give user guidelines on how to use the system.

This Restaurant reservation system includes two main modules.

- Mobile based WAP enabled web application to provide customer's functions.

There are two customer types

- 1) Registered customer
- 2) Guest

- Web application for Administrator and chef's function.

2. WAP enabled web application for mobile uses

How to access the mobile site

User requirements



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A mobile Device with following properties

- WAP enabled
- GPRS activated

Mobile site URL: <http://mobicare.0fees.net/mobi>.

Enter the mobile site address to visit the site

You will be directed to **welcome page**

a) **Customer login**

1. Click **Registered customer** link in welcome page
2. Enter **username** and **password**
3. Click on **submit** button

b) **Request new registration**

1. Click **guest** link in welcome page
2. Select **new registration** link in Guest detail page.
Enter following information in to **new registration** page.

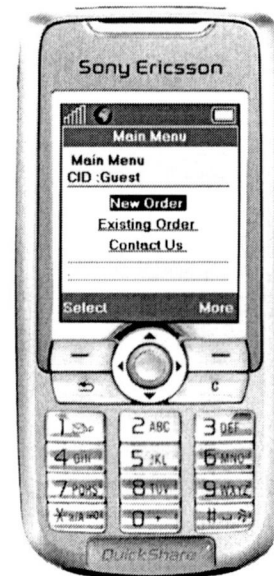
- Name
- Password
- Confirm password
- NIC
- Phone
- Email

3. Click on **submit** button.
4. System will provide a reference number.



c) Request order

1. **Login** to system.
2. Click **new order** link in main menu.
3. Follow the instructions.



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d) Select restaurant location

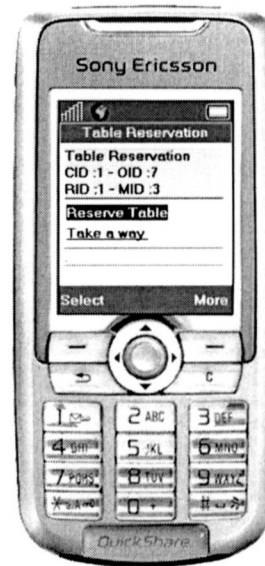
1. Click on **new order** link in Main menu.
2. Click on restaurant location in select restaurant page.

e) Select menu

1. View available set menu
2. Select a food menu item from the Food Menu
3. Enter quantity, required date and required time in order detail page
4. Click on submit button

f) **Table reservation for registered customers**

1. Click **reserve table** link in Table Reservation page
2. Click desired available table in select table page

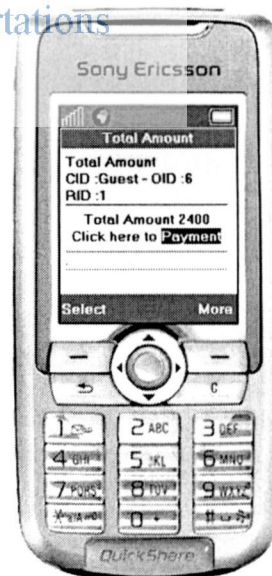


g) **Payment**



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1. Click payment link in **total amount** page
2. Select card type in payment page
3. Enter card number, card code and name
4. Click on submit button



h) Check order state

1. Click **existing order** link in main menu

For guests

Enter order id press submit button

For registered customers

System will display the order ID(s)

Select order id press submit button



i) View contact information

1. Click **contact us** link in main menu
2. System will display address, email and contact number in contact detail page.



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j) Contact on line through mobile phone

1. Click **contact us** link in main menu
2. Click on telephone number link to connect customer care service

k) Check existing customer registration state

1. Click guest link in welcome page
2. Enter existing reference number in guest detail page
3. Click on submit button

3. Web application for restaurant management

Administrator and chef are two back end users in the system to carry out its operation.

The administrator has responsible for overall web application management which includes user management, customer management, food menu management, etc. Customer order management is the main operation of the chef until order is delivered to customer

How to access the web site

User requirements

A computer with internet facilities

Web browser



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Web site URL: <http://mobicare.0fees.net/admin>

Enter the web address to address bar on web browser to access the site

You will be directed to **login Page**

User login

1. Enter user name and password in login page
2. Click on submit button

A screenshot of a web browser login page. The page has a title "Login..". Below the title, there are two input fields: "User Name" with the text "admin" entered, and "Password" with three dots indicating a masked password. At the bottom of the form is a "Submit" button.

Login..	
User Name	<input type="text" value="admin"/>
Password	<input type="password" value="..."/>
<input type="submit" value="Submit"/>	

Administrator's main functions

a) Set state of customers request

1. Click on "customer registration" button
2. Enter customer ID
3. Select state set state drop down menu
4. Click on submit button

New Customer Request

CustomerID	Cus_Name	NIC	Phone	Email
26	Nalin	801652575v	0713389076	nihal1@gmail

Set Customer Request

Cus_ID

Set State

b) Add new menu

1. Click on "add menu" button
2. Enter following menu detail
 - Name
 - Description
 - Unit price
3. Click on submit button



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Menu Details

Menu Id	Name	Description	Price
1	Menu1	Chicken Fride Rice with two curries	700.00
2	Menu2	Fride Rice with two curries	800.00
3	Menu3	Normal Rice with three curries	600.00

Add Menu

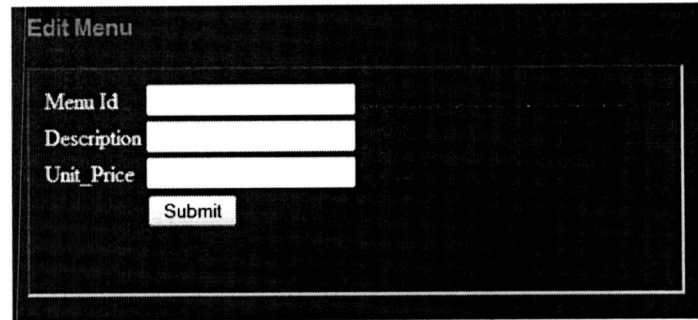
Name

Description

Unit Price

c) Edit existing menu

1. Click on “edit menu ” button
2. Enter menu id to edit
3. Edit description and unit price
4. Click on submit button



Edit Menu

Menu Id

Description

Unit_Price

d) View detail

1. Click on “view detail” button
2. View all customers and orders detail



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Chef's main functions

Web site URL: <http://mobicare.0fees.net/chef>

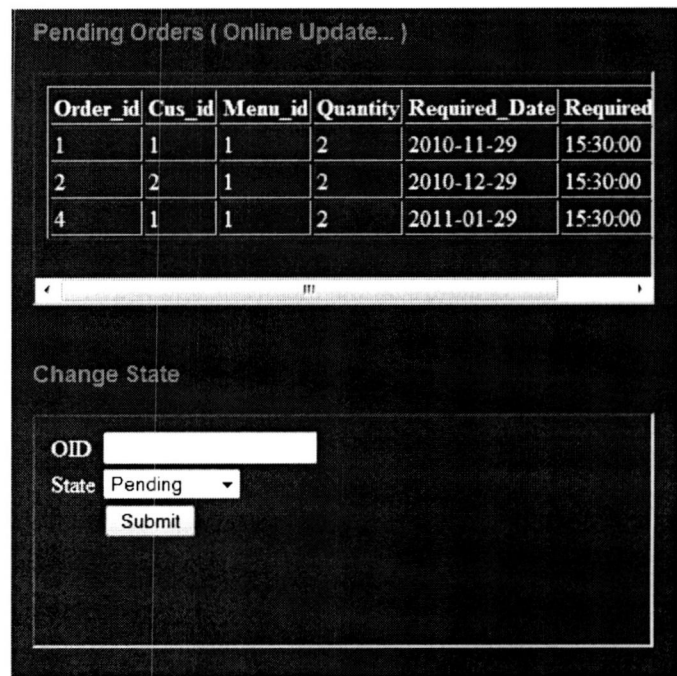
Enter the web address to address bar on web browser to access the site

You will be directed to **login Page**

Login to system

a) Set order state

1. Pending orders are listed online on the “pending orders” frame
2. Enter order in to “change state” frame.
3. Change state to following as needed
 - Pending
 - Accept
 - Processing
 - Reject
 - Ready
4. Click on submit button



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b) View order report

View all order detail

Order id, customer id, menu id, current order state and required date and time.

The screenshot shows a table titled 'All Order Details' with the following data:

Order_id	Cus_id	Menu_id	State	Required_Date	Required_Time
1	1	1	Pending	2010-11-29	15:30:00
2	2	1	Pending	2010-12-29	15:30:00
3	1	2	Reject	2011-01-29	15:30:00
4	1	1	Pending	2011-01-29	15:30:00

4. Troubleshooting

Try the following solutions if mobile based reservation system does not function properly:

- Be sure that you have a WAP enabled and GPRS activated mobile device
- Be sure that you have entered correct URL.



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EVALUATION QUESTIONNAIRE

**Mobile based restaurant reservation
system
EVALUATION QUESTIONNAIRE**

The aim of this questionnaire is to build a cost effective mobile based restaurant reservation system.

The applicability and usefulness of the proposed system will be assessed through the information that will be gathered through this questionnaire.

Therefore I welcome your feedback.



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Thank You!

B.W. Wickramasinghe
MSc in IT
(University of Moratuwa)

E-mail: buddhikastat@yahoo.com

1. Name

Mr. Mrs. / Miss.....

2. Age group

16 - 20

21 - 30

31 - 50

Above 50

3. Occupation/ Profession

.....

4. How would you rate your knowledge of mobile literacy?

An advanced user

An average user

Basic user

Non-literate

5. Have you used any online reservation system before?



Yes

No

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6. If Yes, please specify the purpose?

.....

.....

7. Have you used any mobile based reservation software before?

Yes

No

8. Prefer mobile based restaurant reservation compared to manual method?

Yes

No

9. Was the graphical user interface easy to use?

Yes

No

10. Level of satisfaction?

- Very satisfied
- Satisfied
- Unsatisfied
- Very unsatisfied
- Neither

Any comments

.....
.....

11. Suitability of mobile based reservation system for other organizations?

- Yes



Can be
Not Sure
No

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Any comments

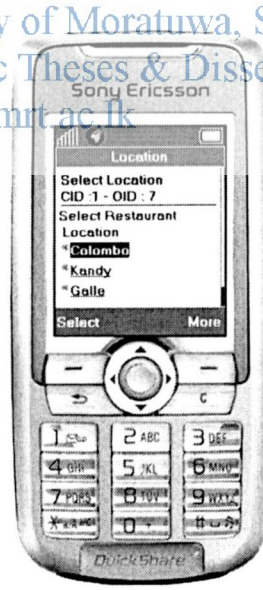
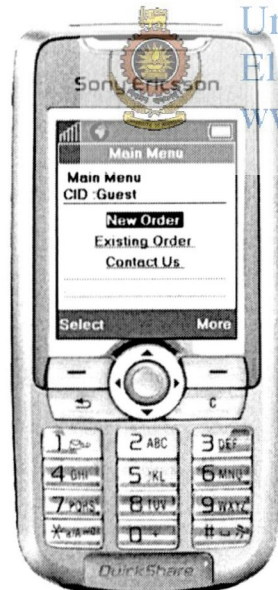
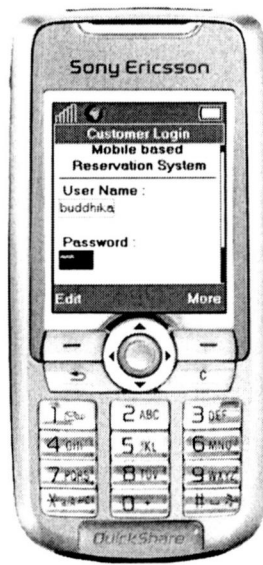
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12. Further improvements / enhancements that you feel necessary to make this software more useful?

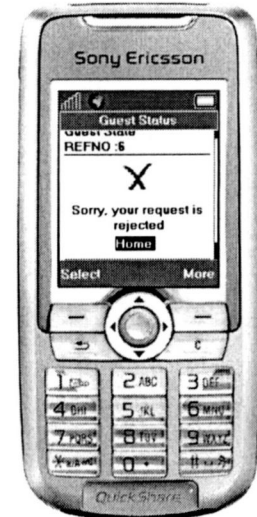
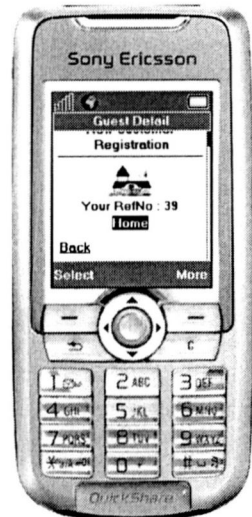
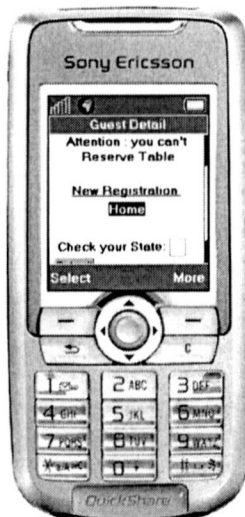
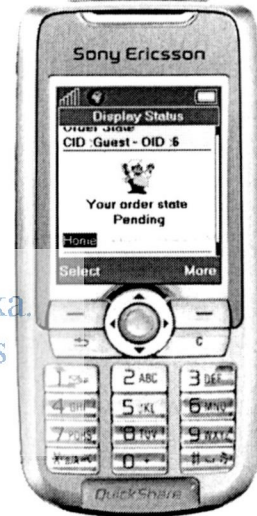
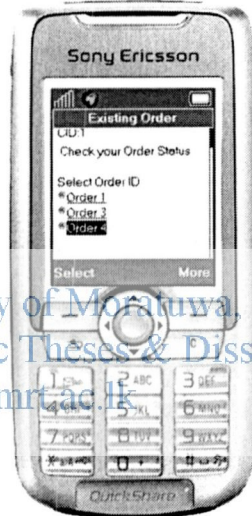
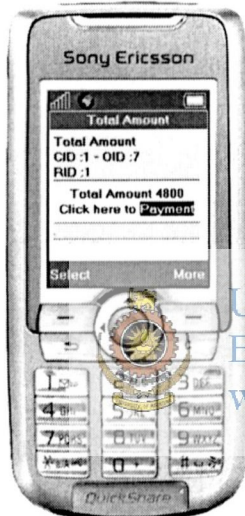
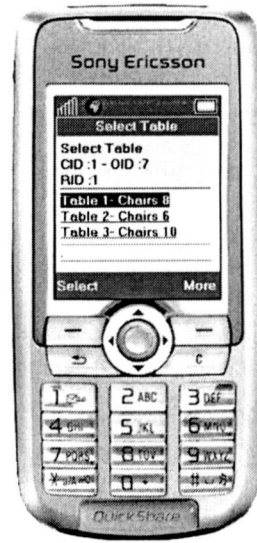
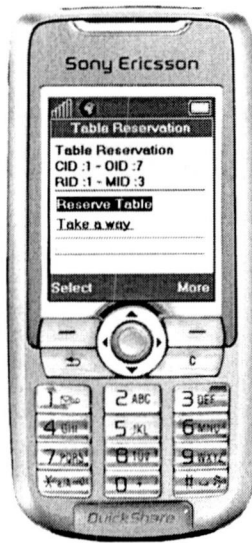
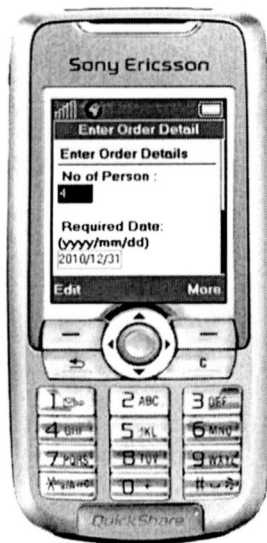
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Sample screen shots

Mobile based WAP enabled web application



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Web application

Login..

User Name

Password

Login page

Admin Control Panel - Mozilla Firefox

File Edit View History Bookmarks Tools Help

http://mobicare0fees.net/admin2/Custom.php

Most Visited Getting Started Latest Headlines Home http://localhost/

Admin Control Panel

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Logout

Register Customer

- Add Menu
- Edit Menu
- Report

Customer ID	Customer Name	NIC Number	Contact Number	Email Address
26	Nalin	801652575v	0713389076	nihal1@gmail
27	buddhika	761652575v	0712250565	A@gmail.com
29	Ajith	761652575v	0712250565	A@gmail.comsepa

New Customer Request

Set Customer Request

Customer ID

Set State

Done

8:01 PM
2/15/2011

Administrative control panel page

Customer Order Control Panel - Mozilla Firefox
 File Edit View History Bookmarks Tools Help
 http://mobicare/fees.net/chef/index2.html
 Most Visited Getting Started Latest Headlines Home http://localhost/
 Customer Order Control Panel

Customer Order Control Panel

[Logout](#)

Pending Orders (Online Update...)

Order_id	Cus_id	Menu_id	Quantity	Required Date	Required Time
1	1	1	2	2010-11-29	15:30:00
2	2	1	2	2010-12-29	15:30:00
4	1	1	2	2011-01-29	15:30:00
5	28	1	2	0000-00-00	15:30:00

Change State

OID:

State:

All Order Details

Order_id	Cus_id	Menu_id	State	Required Date	Required Time
1	1	1	Pending	2010-11-29	15:30:00
2	2	1	Pending	2010-12-29	15:30:00
3	1	2	Reject	2011-01-29	15:30:00
4	1	1	Pending	2011-01-29	15:30:00
5	28	1	Pending	0000-00-00	15:30:00

Ready Orders

Order_id	Cus_id	Menu_id	Quantity	Required Date	Required Time
----------	--------	---------	----------	---------------	---------------

Done

10:05 PM
2/4/2011



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 Chef order control panel page
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