



Software Documentation,
Deployment and User Manual of the UWI-
COMP1161
Project 3

University of The West Indies, Mona
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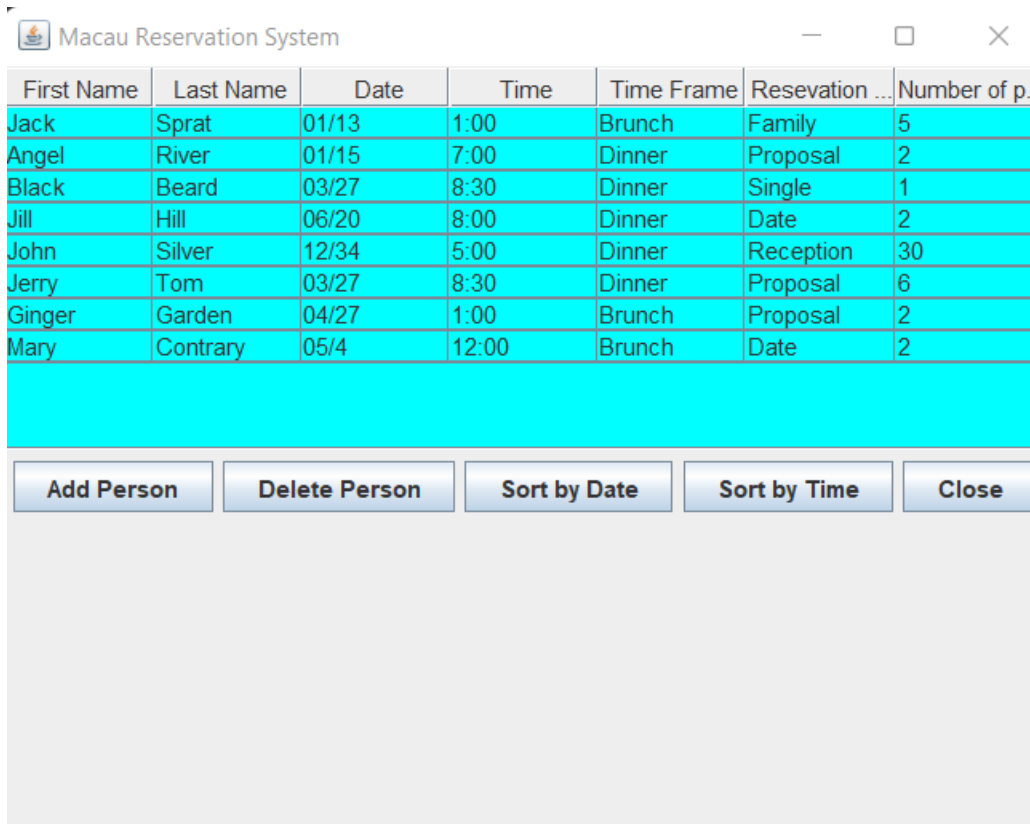
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User Documentation

The Macau Restaurant Reservation System App is a Graphical User Interface (GUI) that is catered to the restaurant's management to increase productivity, efficiency and to avoid overbooking. The GUI is unique that being it has buttons which can add and delete persons, update time of reservation for existing reservation as well you can sort the persons in the reservation list by the time of their reservation and date of their reservation all while storing new reservations with the pre-existing reservation list.

User Guide

1) Employees can see the reservation list they have the option to add persons, delete persons , sort the list by time or date and when done they can close the list.

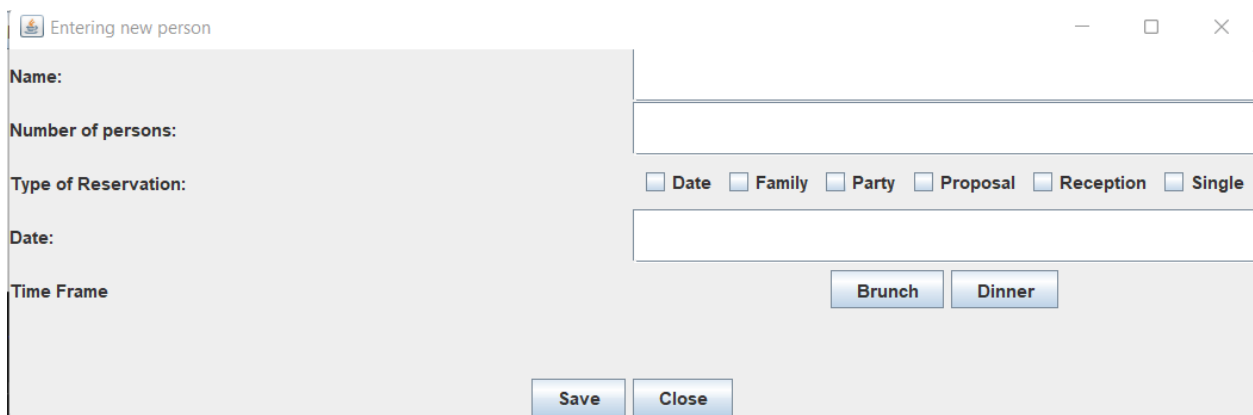


The screenshot shows a window titled "Macau Reservation System". It contains a table with reservation data and a set of control buttons below it.

First Name	Last Name	Date	Time	Time Frame	Resevation ...	Number of p..
Jack	Sprat	01/13	1:00	Brunch	Family	5
Angel	River	01/15	7:00	Dinner	Proposal	2
Black	Beard	03/27	8:30	Dinner	Single	1
Jill	Hill	06/20	8:00	Dinner	Date	2
John	Silver	12/34	5:00	Dinner	Reception	30
Jerry	Tom	03/27	8:30	Dinner	Proposal	6
Ginger	Garden	04/27	1:00	Brunch	Proposal	2
Mary	Contrary	05/4	12:00	Brunch	Date	2

Below the table is a solid blue bar. Underneath the bar are five buttons: "Add Person", "Delete Person", "Sort by Date", "Sort by Time", and "Close".

2) To add persons to the list you will be promoted to add the name for the reservation, both first name and last name, the number of persons, type of reservation, Date of reservation, Time Frame for reservation.



The screenshot shows a dialog box titled "Entering new person". It contains several input fields and buttons for adding a new reservation.

Fields and controls include:

- Name:** A text input field.
- Number of persons:** A text input field.
- Type of Reservation:** A row of checkboxes for "Date", "Family", "Party", "Proposal", "Reception", and "Single".
- Date:** A text input field.
- Time Frame:** Two buttons labeled "Brunch" and "Dinner".
- Buttons:** "Save" and "Close" buttons at the bottom.

Click the appropriate Time frame button:

1) When you select Dinner the following times are available:



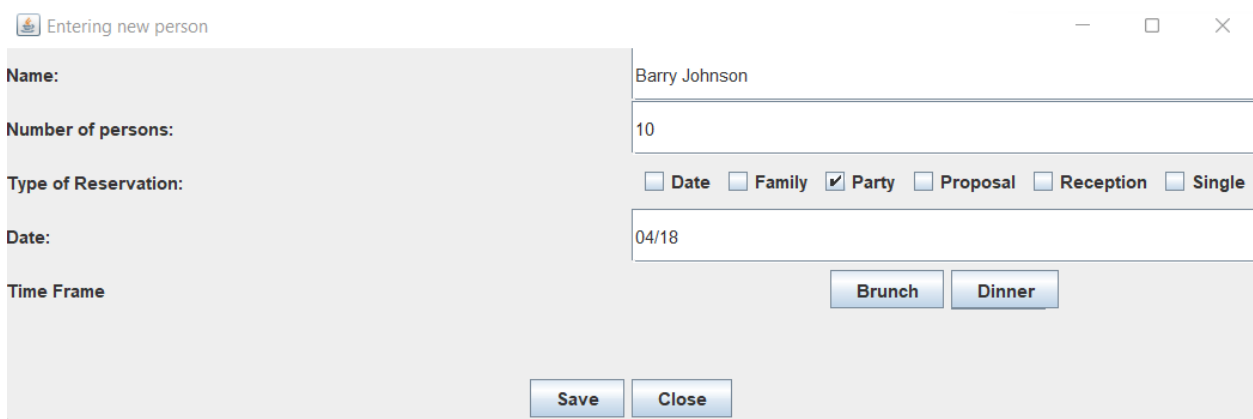
A screenshot of a time selection dialog box. The dialog has a title bar with a minimize button, a maximize button, and a close button. The main area is labeled "Time:" and contains a list of times: 6:00, 6:30, 7:00, 7:30, 8:00, 8:30, 9:00, and 9:30. At the bottom, there are two buttons: "Save" and "Close".

2) When you select Brunch the following times are available:



A screenshot of a time selection dialog box. The dialog has a title bar with a minimize button, a maximize button, and a close button. The main area is labeled "Time:" and contains a list of times: 11:00, 11:30, 12:00, 12:30, 1:00, 1:30, and 2:00. At the bottom, there are two buttons: "Save" and "Close".

2a) As a test we have added the person in the picture.



A screenshot of a dialog box titled "Entering new person". The dialog has a title bar with a minimize button, a maximize button, and a close button. The main area contains the following fields and controls:

- Name:** A text field containing "Barry Johnson".
- Number of persons:** A text field containing "10".
- Type of Reservation:** A row of checkboxes: ☐ Date, ☐ Family, ☒ Party, ☐ Proposal, ☐ Reception, and ☐ Single.
- Date:** A text field containing "04/18".
- Time Frame:** Two buttons: "Brunch" and "Dinner".
- Buttons:** At the bottom, there are two buttons: "Save" and "Close".

Upon clicking the save button, the list has been updated to show an updated reservations list , below in the picture

Macau Reservation System

First Name	Last Name	Date	Time	Time Frame	Resevation ...	Number of p..
Jack	Sprat	01/13	1:00	Brunch	Family	5
Angel	River	01/15	7:00	Dinner	Proposal	2
Black	Beard	03/27	8:30	Dinner	Single	1
Jill	Hill	06/20	8:00	Dinner	Date	2
John	Silver	12/34	5:00	Dinner	Reception	30
Jerry	Tom	03/27	8:30	Dinner	Proposal	6
Ginger	Garden	04/27	1:00	Brunch	Proposal	2
Mary	Contrary	05/4	12:00	Brunch	Date	2
Barry	Johnson	04/18	9:30	Dinner	Party	10

3) The persons reservation can be deleted by typing the name on the list both first and last names, upon clicking delete person button.

Deleting a Person

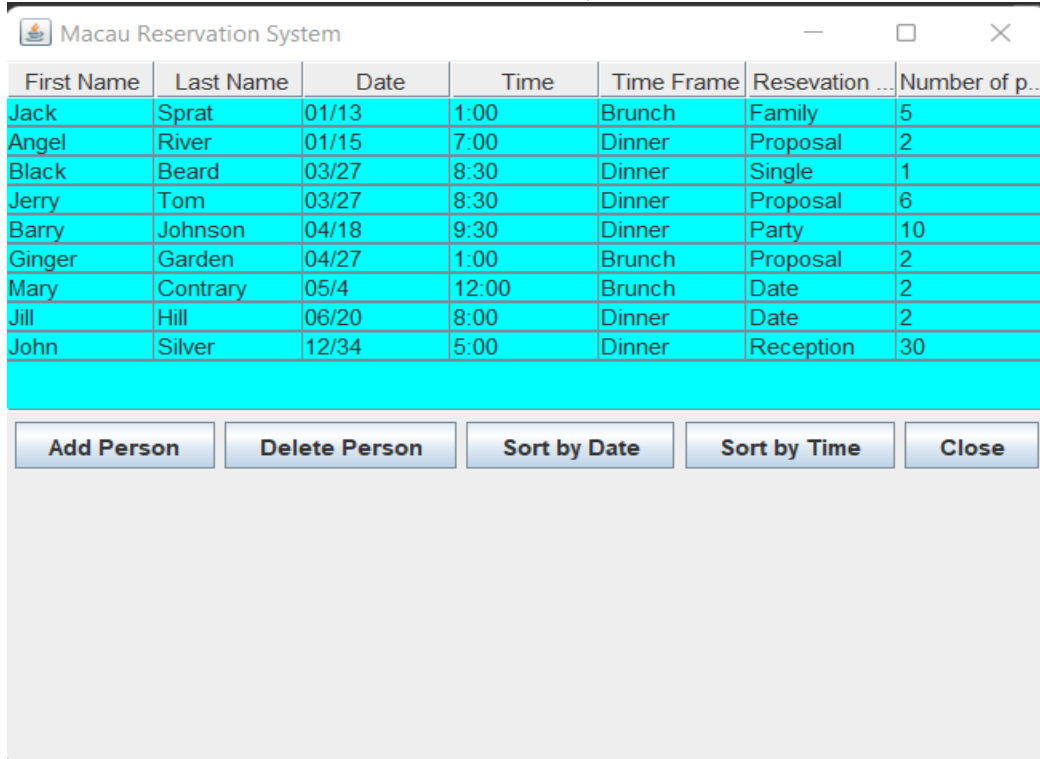
Name to be deleted:

3a) Upon deleting the person the reservation is deleted from the reservations list as seen below.

Macau Reservation System

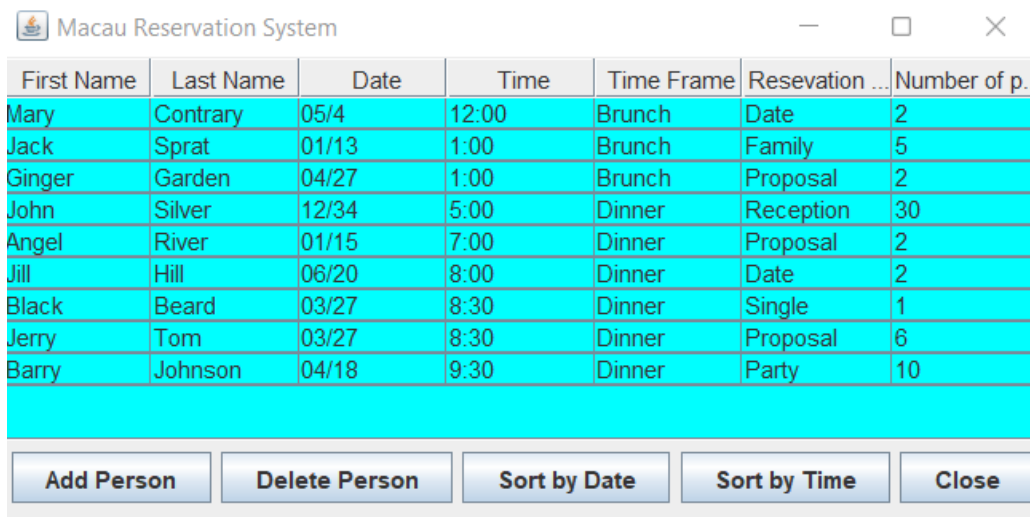
First Name	Last Name	Date	Time	Time Frame	Resevation ...	Number of p..
Jack	Sprat	01/13	1:00	Brunch	Family	5
Angel	River	01/15	7:00	Dinner	Proposal	2
Black	Beard	03/27	8:30	Dinner	Single	1
Jill	Hill	06/20	8:00	Dinner	Date	2
John	Silver	12/34	5:00	Dinner	Reception	30
Jerry	Tom	03/27	8:30	Dinner	Proposal	6
Ginger	Garden	04/27	1:00	Brunch	Proposal	2

4) The Sort by date button can be clicked to organize the reservations list by date to reflect the earliest reservation to the furthest reservation, as seen below.



First Name	Last Name	Date	Time	Time Frame	Resevation ...	Number of p...
Jack	Sprat	01/13	1:00	Brunch	Family	5
Angel	River	01/15	7:00	Dinner	Proposal	2
Black	Beard	03/27	8:30	Dinner	Single	1
Jerry	Tom	03/27	8:30	Dinner	Proposal	6
Barry	Johnson	04/18	9:30	Dinner	Party	10
Ginger	Garden	04/27	1:00	Brunch	Proposal	2
Mary	Contrary	05/4	12:00	Brunch	Date	2
Jill	Hill	06/20	8:00	Dinner	Date	2
John	Silver	12/34	5:00	Dinner	Reception	30

5) The Sort by Time Button can be clicked to organize the reservation based on Time slated in the reservation list.



First Name	Last Name	Date	Time	Time Frame	Resevation ...	Number of p...
Mary	Contrary	05/4	12:00	Brunch	Date	2
Jack	Sprat	01/13	1:00	Brunch	Family	5
Ginger	Garden	04/27	1:00	Brunch	Proposal	2
John	Silver	12/34	5:00	Dinner	Reception	30
Angel	River	01/15	7:00	Dinner	Proposal	2
Jill	Hill	06/20	8:00	Dinner	Date	2
Black	Beard	03/27	8:30	Dinner	Single	1
Jerry	Tom	03/27	8:30	Dinner	Proposal	6
Barry	Johnson	04/18	9:30	Dinner	Party	10

6) The last added feature is an update Time button which was added after the pictures above were acquired; this button updates the time for a reservation which is already in the system, this is