

Criterion-B

Design Overview

Layout of the windows

Login:

		×
Name of Hotel		
Username	<input type="text"/>	
password	<input type="password"/>	
	<input type="button" value="Forgot"/>	<input type="button" value="Login"/>

Main menu:

- Availability

		×
Name of Hotel		
Availability		
Booking		
Booking Log		
Admin Option		


Total rooms Availiable

Date Chooser

/

Total rooms Availiable

/



- Booking

Name of Hotel

Availability

Booking

Booking Log

Admin Option

First Name

Last Name

Date from

Date to

No. adult

No. Children

Identification

00-00-0000

00-00-0000

Book

- Booking log

Name of Hotel

Availability

Booking

Booking Log

Admin Option

Search all

Search by first name

Search by last name

Search

Booking ID	First Name	Last Name	Date from /to

Selected booking ID

Edit

Delete

Admin Menu:

- Room management

Admin Options

Room MGMT

EMP-Accounts

Account MGMT

Print/Save

Put room in / out of service

Servicing

Add / remove room type

Add/Remove

Add / remove room

Add/Remove

- Servicing

Room MGMT

Room Type

Search

Room No.

Status

Room No.

Status

IN/OUT

SET

- Add / remove room

Room MGMT

Add room

Delete room

Room No.

Room Type

Add

Room MGMT

Add room

Delete room

Show all

Room Type

Search

Delete

- Add / remove room type

Room MGMT

Add room type

Delete room type

Room Type

Cost per night

Add

Room MGMT

Add room type

Delete room type

Room Type

Delete

- Employee Account (create)

Admin Options	First Name	<input type="text"/>	<div><div></div><div></div><div></div></div>
	Last Name	<input type="text"/>	
	DOB	<input type="text"/>	
	Gender	<input type="text"/>	
	EMP NO.	<input type="text"/>	
	Authority level	<input type="text"/>	
Room MGMT			
EMP-Accounts			
Account MGMT			
Print/Save			
	<div>Next</div>		

Security Question	<input type="text"/>
Answer	<input type="text"/>
<div>Creat Account</div>	

- Employee Account management

Admin Options
Room MGMT
EMP-Accounts
Account MGMT
Print/Save

☐ Search all
☐ Search by first name
☐ Search by last name

EMP ID	First Name	Last Name	DOB	Authority

EMP ID

- Save records

Print / Save Records
Room MGMT
EMP-Accounts

☐ Search all
☐ Search by first name
☐ Search by last name

Booking ID	First Name	Last Name	Date from / to

Booking ID

Print / Save
Records

Room MGMT

EMP-Accounts

EMP ID

First Name

Last Name

DOB

Authority

EMP ID

Print / Save

- Forget Credentials

Forgot
Credentials

Username

Password

×

Enter EMP No.

next

×

Security Question

This will retrieve according to the EMP No.

Answer

next

- Username or Password according to the choice initially.

×

Enter Password

Re-Enter Password

Set

×

Enter Username

Re-Enter Username

Set

-
- Confirmation Screen

×

Confirmation

Confirmation message according to the
confirmation needed

Confirm

Testing Plan

Alpha testing of the app will be done me be of every single module. I will create test data will some online references. Debug all the modules before sending out for beta testing.

Module to be test	Testing method
Booking module	Enter extreme, abnormal, erroneous, normal data and check if the code can handle them all
Login and credential reset module	Login with a recently created account and try to login again by changing its credentials
Availability display module	Make changes to the rooms' status and check if it changes the values in this availability
Rooms' add, edit and delete module	Add, edit room status and delete rooms and check if it shows the respective change in the database
Employees' add, edit and delete module	Add, edit employee data and delete accounts and check if it shows the respective change in the database
Print and save records	Print or save the dummy record entered into the database

As my uncle has not finished building his hotel, he won't be able to test my application as it is in development. So, decided to beta test is with a friend of my father who also happened to run a small hotel just as a side business. His name is Sanjay Patel. I will be sending him the application and would have a skype call and guide him through the setup as in beta testing, I won't be able to make an installer. Each 2 week for 2 months I'll be sending him a new version of my application so he would test is and tell me the bugs I need to address.

Update: Due to quarantine I was not able to beta test my app with the person I earlier mentioned. So, I'll be taking help from my brother and my uncle him self who will be using this application. I will be part of the alpha and the beta testing due to shortage of data. As there are no real time condition to test them, I'll have to make my alpha testing more rigorous.

Record of Task

Task No.	Planed Action	Planed Outcome	Time estimated	Target Completion Date	Criterion
1	Choosing an IA topic	Come up with a list of ideas and possible clients to reach out to.	1 week	15/9/2020	A
2	Discussion with CS teacher about IA Topic	Narrow down feasible topics choices from the prior list of topics and get further advice on the structure of IA.	2 Days	17/9/2020	A
3	Choosing a finalized Topic and client	Choose a firm and feasible topic and client	1 Day	18/9/2020	A

4	Contact Client and ask for desired features	Get the basic idea of what the customer wants	1 Week	25/9/2020	A
5	Complete Criterion A	Make a list of all the features to be added in the application	1 day	26/9/2020	A
6	Make sample layouts	Make some basic layout designs of the application and get client opinion	1 week	3/10/2020	B
7	Start working on Criterion-B	Start the ROT and organize all the future plans	3 Days	6/10/2020	B
8	Make J-forms	Use the design layout approved by the client and make the J-forms	2 Weeks	20/10/2020	C
9	Send client J-form Screenshots	Get feedback on the final design and make slight changes according to client's desire	1 Week	27/10/2020	C
10	Work on login module	Write source code of login form	2 Days	29/10/2020	C
11	Make Database and form a connection	Make database for the application and add a table for the employee's details and form connection	3 Days	1/11/2020	C
12	Work on forgot username or password form	Design a logarithm to reset password or username, write source code	4 Days	5/11/2020	C
13	Alpha test the module of forgot username or password	Test the module in different condition to see if the module holds up to give desired results	1 Day	6/11/2020	C
14	Work on availability, booking and booking log	Make main menu and add availability booking and booking log panels. Write source code to insert update and retrieve booking information.	1 Week	13/11/2020	C
15	Alpha test the booking and booking log module	Make an arbitrary set of booking data and test the insert, update and retrieve features. Debug	3 Days	16/11/2020	C
16	Work on admin menu	Use the authority level from the employee database and enable or disable the button to access the panel.	1 Day	17/11/2020	C
17	Alpha test the admin menu	Successfully let admin authority accounts in and disable the option for normal accounts. Then debug.	1 Day	18/11/2020	C
18	Make a sign-up panel and panel to view all the accounts' information	Write source code sign-up panel that allows admin account to make an account for the new employees and a table deigned to view all the information about the accounts except the	1 Week	25/11/2020	C

		credentials to maintain privacy.			
18	Alpha test the sign-up panel and the accounts log panel.	Make a set of arbitrary data for employees and test the modules. Then debug if needed	2 Days	27/11/2020	C
20	Make a module to print or save the records	Write source code for the retrieval of data on to the J-table and then it either print or save it.	2 Days	29/11/2020	C
21	Alpha test the module to print or save records.	See if the application can directly give commands to the printer to print and if it is able to save in pdf or other satiable formats. Then debug if needed	2 Days	1/12/2020	C
22	Draw the flowcharts of all the charts	Finish all the diagrams and description of each modules	1 Week	8/12/2020	B
23	Make the module to set room and room type status	The module should be able to set each room in or out of service, add or delete rooms, add or delete room types. Write the source code and make the database to accommodate room type information.	1 Week	15/12/2020	C
24	Alpha test the module to set room and room type status	Test the data already input in the database and debug if needed	3 Days	18/12/2020	C
25	Send the product for beta testing	Send the product to test-client and set it up on the system. Get feedback and bug details. Then debug and make client desired changes.	2 Weeks	1/1/2021	C
26	Beta test with the original client	Prepare expected data that the client wants to enter with the guidance of client and check if the application holds up. The debug if needed.	1 Week	8/1/2021	C/E
28	Ask for advice from CS teacher to condense the code and improve the logic.	Talk to CS teacher for any ideas to minimize the code and optimize the logic to better suit the client's desires thus, making the program faster.	1 Week	15/1/2021	E
29	Make video to show the functionality of the application	Video is recorded successfully showing all the modules working properly	2 Days	17/1/2021	D
30	Report of improvements	Documents stating all the probable flaws in the system for future development	1 Day	18/1/2021	E

UML Diagrams



print_records

```

-String _username
+Connection cn
+Statement st
+int x
+int y
-static int xy
-boolean size
-String selectedBookingIndex
-String Searchby
-String SearchBy
-javax.swing.JPanel Main_panel
-javax.swing.JPanel accountManagement_pane
-javax.swing.JButton availability_button
-javax.swing.JPanel bookingLog_pane
-javax.swing.JTable bookingLog_table
-javax.swing.JButton booking_button
-javax.swing.ButtonGroup buttonGroup1
-javax.swing.ButtonGroup buttonGroup2
-javax.swing.JButton closeButton
-javax.swing.JButton closeButton1
-javax.swing.JButton closeButton2
-javax.swing.JButton closeButton3
-com.toedter.calendar.JDateChooser datechooser_Search
-javax.swing.JTable employeeTable_table
-javax.swing.JLabel firstName_label1
-javax.swing.JLabel firstName_label2
-javax.swing.JLabel firstName_label3
-javax.swing.JRadioButton for_all
-javax.swing.JLabel hotel_label
-javax.swing.JLabel jLabel1
-javax.swing.JLayeredPane jLayeredPane1
-javax.swing.JScrollPane jScrollPane1
-javax.swing.JScrollPane jScrollPane2
-javax.swing.JButton printEmployeeRecords_button
-javax.swing.JButton print_Booking_button
-javax.swing.JLabel reservation_label
-javax.swing.JButton resetEmployeeTable_button
-javax.swing.JButton resetBookingTable_button
-javax.swing.JRadioButton searchAll
-javax.swing.JRadioButton searchByEmpNo_radio
-javax.swing.JRadioButton searchByName_radio
-javax.swing.JTextField searchName_textbox
-javax.swing.JButton search_button
-javax.swing.JButton search_button1
-javax.swing.JRadioButton search_date
-javax.swing.JRadioButton search_firstname
-javax.swing.JRadioButton search_lastname
-javax.swing.JTextField selectedEmployee_textfield
-javax.swing.JTextField selectedRoom_textBox
-javax.swing.JTextField serachBox_textfield
-javax.swing.JLabel serachEmployee_label
-javax.swing.JLabel serachEmployee_label1
-javax.swing.JPanel style1_pane

+print_records()
+print_records(String username)
+void conection()
-// <editor-fold defaultstate="collapsed" desc="Generated Code">
-void availability_buttonActionPerformed(java.awt.event.ActionEvent evt)
-void booking_buttonActionPerformed(java.awt.event.ActionEvent evt)
-void closeButtonActionPerformed(java.awt.event.ActionEvent evt)
-void closeButton1ActionPerformed(java.awt.event.ActionEvent evt)
-void closeButton3ActionPerformed(java.awt.event.ActionEvent evt)
-void closeButton2ActionPerformed(java.awt.event.ActionEvent evt)
-void jLabel1MouseClicked(java.awt.event.MouseEvent evt)
-void jLabel1MouseClicked(java.awt.event.MouseEvent evt)
-void jLabel1MousePressed(java.awt.event.MouseEvent evt)
-void jLabel1MouseReleased(java.awt.event.MouseEvent evt)
-void searchName_textboxMouseClicked(java.awt.event.MouseEvent evt)
-void searchName_textboxActionPerformed(java.awt.event.ActionEvent evt)
-void print_Booking_buttonActionPerformed(java.awt.event.ActionEvent evt)
-void search_firstnameActionPerformed(java.awt.event.ActionEvent evt)
-void datechooser_SearchMouseClicked(java.awt.event.MouseEvent evt)
-void search_lastnameActionPerformed(java.awt.event.ActionEvent evt)
-void search_dateActionPerformed(java.awt.event.ActionEvent evt)
-void bookingLog_tableMouseClicked(java.awt.event.MouseEvent evt)
-void search_buttonActionPerformed(java.awt.event.ActionEvent evt)
-void resetBookingTable_buttonActionPerformed(java.awt.event.ActionEvent evt)
-void selectedRoom_textBoxMouseClicked(java.awt.event.MouseEvent evt)
-void selectedRoom_textBoxActionPerformed(java.awt.event.ActionEvent evt)
-void for_allActionPerformed(java.awt.event.ActionEvent evt)
-void searchByName_radioActionPerformed(java.awt.event.ActionEvent evt)
-void searchByEmpNo_radioActionPerformed(java.awt.event.ActionEvent evt)
-void search_button1ActionPerformed(java.awt.event.ActionEvent evt)
-void employeeTable_tableMouseClicked(java.awt.event.MouseEvent evt)
-void resetEmployeeTable_buttonActionPerformed(java.awt.event.ActionEvent evt)
-void selectedEmployee_textfieldActionPerformed(java.awt.event.ActionEvent evt)
-void printEmployeeRecords_buttonActionPerformed(java.awt.event.ActionEvent evt)
-void searchAllActionPerformed(java.awt.event.ActionEvent evt)
+static void main(String args)
























```

putRoom_inOutService

-  +Connection cn
-  +Statement st
-  -javax.swing.JComboBox<String> RoomType_combobox
-  -javax.swing.JTable Service_table
-  -javax.swing.JButton closeButton
-  -javax.swing.JPanel jPanel1
-  -javax.swing.JScrollPane jScrollPane1
-  -javax.swing.JLabel roomNo_table
-  -javax.swing.JLabel roomNo_table1
-  -javax.swing.JLabel roomNo_table2
-  -javax.swing.JLabel roomNo_table3
-  -javax.swing.JComboBox<String> roomType_combobox
-  -javax.swing.JButton search_button
-  -javax.swing.JTextField selectedRoom_textbox
-  -javax.swing.JButton set_button
-  -javax.swing.JPanel style_pane

-  +putRoom_inOutService()
-  +void conection()
-  +void Table_set()
-  +void RoomType_combobox()
-  -// <editor-fold defaultstate="collapsed" desc="Generated Code"> //GEN-BEGIN: initComponents void initComponents()
-  -void closeButtonActionPerformed(java.awt.event.ActionEvent evt)
-  -void RoomType_comboboxMouseClicked(java.awt.event.MouseEvent evt)
-  -void RoomType_comboboxActionPerformed(java.awt.event.ActionEvent evt)
-  -void set_buttonActionPerformed(java.awt.event.ActionEvent evt)
-  -void search_buttonActionPerformed(java.awt.event.ActionEvent evt)
-  -void selectedRoom_textboxActionPerformed(java.awt.event.ActionEvent evt)
-  -void Service_tableMouseClicked(java.awt.event.MouseEvent evt)
-  +static void main(String args)






















roomAdditionRemov

-  +Connection cn
-  +Statement st
-  -javax.swing.JButton addRoom_button
-  -javax.swing.JButton addroom_button
-  -javax.swing.JPanel addroom_pane
-  -javax.swing.JButton allSearch_button
-  -javax.swing.JButton closeButton2
-  -javax.swing.JButton delete_button
-  -javax.swing.JLabel hotel_label
-  -javax.swing.JLayeredPane jLayeredPane1
-  -javax.swing.JLabel reModeling_label
-  -javax.swing.JButton removeRoom_button
-  -javax.swing.JPanel removeRoom_pane
-  -javax.swing.JTable roomTable
-  -javax.swing.JComboBox<String> roomType_combobox
-  -javax.swing.JLabel roomno_label
-  -javax.swing.JTextField roomno_textbox
-  -javax.swing.JScrollPane roomscroll
-  -javax.swing.JComboBox<String> roomtype_combobox
-  -javax.swing.JLabel roomtype_label
-  -javax.swing.JLabel roomtype_label_
-  -javax.swing.JButton search_button
-  -javax.swing.JPanel style1_pane
-  -javax.swing.JPanel style2_pane

-  +roomAdditionRemoval()
-  +void conection()
-  +void RoomType_combobox()
-  +void Table_set()
-  +void Table_allset()
-  -// <editor-fold defaultstate="collapsed" desc="Generated Code">//GEN-BEGIN: initComponents void initComponents()
-  -void closeButton2ActionPerformed(java.awt.event.ActionEvent evt)
-  -void removeRoom_buttonActionPerformed(java.awt.event.ActionEvent evt)
-  -void addRoom_buttonActionPerformed(java.awt.event.ActionEvent evt)
-  -void roomno_textboxActionPerformed(java.awt.event.ActionEvent evt)
-  -void roomType_comboboxMouseClicked(java.awt.event.MouseEvent evt)
-  -void roomType_comboboxActionPerformed(java.awt.event.ActionEvent evt)
-  -void addroom_buttonActionPerformed(java.awt.event.ActionEvent evt)
-  -void roomtype_comboboxMouseClicked(java.awt.event.MouseEvent evt)
-  -void roomtype_comboboxActionPerformed(java.awt.event.ActionEvent evt)
-  -void search_buttonActionPerformed(java.awt.event.ActionEvent evt)
-  -void roomTableMouseClicked(java.awt.event.MouseEvent evt)
-  -void delete_buttonActionPerformed(java.awt.event.ActionEvent evt)
-  -void allSearch_buttonActionPerformed(java.awt.event.ActionEvent evt)
-  +static void main(String args)



















roomDeleteConfirmation
<ul style="list-style-type: none"> + Connection cn + Statement st + String RoomNo - javax.swing.JButton closeButton2 - javax.swing.JButton delete_button - javax.swing.JPanel jPanel1 - javax.swing.JLabel roomNo_label - javax.swing.JTextField selectedRoom_textbox
<ul style="list-style-type: none"> + roomDeleteConfirmation() + roomDeleteConfirmation(String pop) + void conection() + void delete(String roomNo) - // <editor-fold defaultstate="collapsed" desc="Generated Code"> //GEN-BEGIN: initComponents void initComponents() - void closeButton2ActionPerformed(java.awt.event.ActionEvent evt) - void selectedRoom_textboxActionPerformed(java.awt.event.ActionEvent evt) - void delete_buttonActionPerformed(java.awt.event.ActionEvent evt) + <u>static void main(String args)</u>
employeeDelete_confirmation
<ul style="list-style-type: none"> + Connection cn + Statement st + String empno + String fullname - javax.swing.JButton closeButton2 - javax.swing.JButton delete_button - javax.swing.JPanel jPanel1 - javax.swing.JLabel roomNo_label - javax.swing.JLabel roomNo_label1 - javax.swing.JTextField selectedEmployee_textbox - javax.swing.JTextField selectedemployeename_textbox
<ul style="list-style-type: none"> + employeeDelete_confirmation() + employeeDelete_confirmation(String EmpNo, String Fullname) + void conection() + void delete() - // <editor-fold defaultstate="collapsed" desc="Generated Code"> //GEN-BEGIN: initComponents void initComponents() - void closeButton2ActionPerformed(java.awt.event.ActionEvent evt) - void selectedEmployee_textboxActionPerformed(java.awt.event.ActionEvent evt) - void delete_buttonActionPerformed(java.awt.event.ActionEvent evt) - void selectedemployeename_textboxActionPerformed(java.awt.event.ActionEvent evt) + <u>static void main(String args)</u>

Security_questions

-  + Connection cn
-  + Statement st
-  + String First_name
-  + String Last_name
-  + String Username
-  + String Password
-  + String Authority_level
-  + String Gender
-  + String EmpNo
-  + String Dob
-  + String PasswordRe
-  - javax.swing.JTextField Answer
-  - javax.swing.JLabel Error1
-  - javax.swing.JLabel Error2
-  - javax.swing.JTextArea Question
-  - javax.swing.JButton closeButton
-  - javax.swing.JPanel jPanel1
-  - javax.swing.JScrollPane jScrollPane1
-  - javax.swing.Button search_button
-  - javax.swing.JLabel serachEmployee_lable
-  - javax.swing.JLabel serachEmployee_lable1


```
+ Security_questions()
+ Security_questions(String first_name, String last_name, String username, String password, String authority_level, String gender, String empNo, String dob, String passwordRe)
+ void conection()
+ void dataInput(String first_name, String last_name, String username, String password, String authority_level, String gender, String empNo, String dob, String passwordRe, String question, String Ans)
- // <editor-fold defaultstate="collapsed" desc="Generated Code"> //GEN-BEGIN: initComponents void initComponents()
- void closeButtonActionPerformed(java.awt.event.ActionEvent evt)
- void search_buttonActionPerformed(java.awt.event.ActionEvent evt)
- void QuestionMouseClicked(java.awt.event.MouseEvent evt)
- void AnswerActionPerformed(java.awt.event.ActionEvent evt)
+ static void main(String args)
```







side_workstation

-  + Connection cn
-  + Statement st
-  ~ String filename
-  ~ int s
-  ~ byte[] image_indentification
-  + String SearchBy
-  - javax.swing.ButtonGroup Search_by
-  - javax.swing.JPanel Set_Password
-  - javax.swing.JTextField answer_textbox
-  - javax.swing.JTextField answer_textbox1
-  - javax.swing.JPanel jPanel2
-  - javax.swing.JPanel jPanel3
-  - javax.swing.JButton next1_button
-  - javax.swing.JLabel passre_lable
-  - javax.swing.JLabel password_lable
-  - javax.swing.JPanel username_check
-  - javax.swing.JPanel username_check1
-  - javax.swing.JPanel username_check2

```
+ side_workstation()
+ void conection()
- // <editor-fold defaultstate="collapsed" desc="Generated Code"> //GEN-BEGIN: initComponents void initComponents()
- void next1_buttonActionPerformed(java.awt.event.ActionEvent evt)
- void answer_textboxActionPerformed(java.awt.event.ActionEvent evt)
- void answer_textboxMouseClicked(java.awt.event.MouseEvent evt)
- void answer_textbox1MouseClicked(java.awt.event.MouseEvent evt)
- void answer_textbox1ActionPerformed(java.awt.event.ActionEvent evt)
+ static void main(String args)
```

username_forgot

-  + String empno
-  + Connection cn
-  + Statement st
-  ~ permission c1
-  - javax.swing.JLabel Answer_label2
-  - javax.swing.JLabel Lable
-  - javax.swing.JPanel Set_Password
-  - javax.swing.JTextField answer_textbox2
-  - javax.swing.JButton closeButton
-  - javax.swing.JPanel empno_get_question
-  - javax.swing.JTextField empno_textbox
-  - javax.swing.JScrollPane jScrollPane3
-  - javax.swing.JPanel masterpane
-  - javax.swing.JLayeredPane masterpaneLayer
-  - javax.swing.JButton next1_button
-  - javax.swing.JButton next1_button3
-  - javax.swing.JButton next1_button4
-  - javax.swing.JLabel passre_label
-  - javax.swing.JPanel question_ans
-  - javax.swing.JLabel question_label2
-  - javax.swing.JTextArea question_textarea2
-  - javax.swing.JTextField reenter_textbox
-  - javax.swing.JLabel username_label
-  - javax.swing.JTextField username_textbox

-  + username_forgot()
-  + void conection()
-  ~ // <editor-fold defaultstate="collapsed" desc="Generated Code"> //GEN-BEGIN: initComponents void initComponents()
-  - void closeButtonActionPerformed(java.awt.event.ActionEvent evt)
-  - void empno_textboxMouseClicked(java.awt.event.MouseEvent evt)
-  - void empno_textboxActionPerformed(java.awt.event.ActionEvent evt)
-  - void next1_buttonActionPerformed(java.awt.event.ActionEvent evt)
-  - void answer_textbox2MouseClicked(java.awt.event.MouseEvent evt)
-  - void answer_textbox2ActionPerformed(java.awt.event.ActionEvent evt)
-  - void next1_button3ActionPerformed(java.awt.event.ActionEvent evt)
-  - void reenter_textboxMouseClicked(java.awt.event.MouseEvent evt)
-  - void reenter_textboxActionPerformed(java.awt.event.ActionEvent evt)
-  - void next1_button4ActionPerformed(java.awt.event.ActionEvent evt)
-  - void username_textboxMouseClicked(java.awt.event.MouseEvent evt)
-  - void username_textboxActionPerformed(java.awt.event.ActionEvent evt)
-  + static void main(String args)

add_remove_roomTypes

- + Connection cn
- + Statement st
- javax.swing.JPanel Add_Room_Type_pane
- javax.swing.JComboBox<String> RoomType_combobox
- javax.swing.JButton adRoomType_button_inpane
- javax.swing.JButton addRoomType_button

- javax.swing.JButton closeButton

- javax.swing.JLabel costPerNight_label
- javax.swing.JTextField costPerNight_textbox
- javax.swing.JButton deleteRoomType_button
- javax.swing.JLabel error1_label
- javax.swing.JLabel error2_label
- javax.swing.JLabel hotel_label
- javax.swing.JLabel hotel_label1
- javax.swing.JPanel jPanel1
- javax.swing.JLayeredPane maste_pane
- javax.swing.JButton removeRoomType_button
- javax.swing.JPanel remove_roomType_pane
- javax.swing.JLabel roomNameToRemove_label
- javax.swing.JLabel roomName_label
- javax.swing.JTextField roomTypeName_textbox
- javax.swing.JPanel style1_pane

- + add_remove_roomTypes()

- + void conection()

- + void RoomType_combobox()

- + void return_()

- + void update()

- // <editor-fold defaultstate="collapsed" desc="Generated Code"> //GEN-BEGIN: initComponents void initComponents()

- void closeButtonActionPerformed(java.awt.event.ActionEvent evt)

- void addRoomType_buttonActionPerformed(java.awt.event.ActionEvent evt)

- void removeRoomType_buttonActionPerformed(java.awt.event.ActionEvent evt)

- void adRoomType_button_inpaneActionPerformed(java.awt.event.ActionEvent evt)

- void costPerNight_textboxActionPerformed(java.awt.event.ActionEvent evt)

- void roomTypeName_textboxActionPerformed(java.awt.event.ActionEvent evt)

- void costPerNight_textboxMouseClicked(java.awt.event.MouseEvent evt)

- void roomTypeName_textboxMouseClicked(java.awt.event.MouseEvent evt)

- void RoomType_comboboxMouseClicked(java.awt.event.MouseEvent evt)


- void RoomType_comboboxActionPerformed(java.awt.event.ActionEvent evt)














- void deleteRoomType_buttonActionPerformed(java.awt.event.ActionEvent evt)

- + static void main(String args)


🔗 Booking_choose_room
<div> <div> +Connection cn +Statement st -String room_list -boolean search_bol -int cost_each_room -int dd -String _Booked_by_firstname -String _Booked_by_lastname -String _childerNO -String _adultNo -String _Booked_from -String _Booked_to -byte[] image_identification -String username -javax.swing.JLabel Error_roomNoSelect -javax.swing.JPanel Master_pane -javax.swing.JButton book_button -javax.swing.JButton closeButton -javax.swing.JButton closeButton1 -javax.swing.JScrollPane jScrollPane1 -javax.swing.JButton reset_button -javax.swing.JTable roomChooser_table -javax.swing.JComboBox<String> roomType_combobox -javax.swing.JLabel roomtype_table -javax.swing.JButton search_button -javax.swing.JLabel totalCost_table </div> </div>
<div> +Booking_choose_room() +Booking_choose_room(String Booked_by_firstname, String Booked_by_lastname, String childerNO, String adultNo, String Booked_from, String Booked_to, String _username, byte[] _image) +void conection() +void update() +void RoomType_combobox() -void get_bookings() -void get_RT_cost(String RT) -void array_of_bookedrooms(String RM, int RT_cost, String RT) -void set_table(String RT, int RT_cost, String[] rnl, int num) -// <editor-fold defaultstate="collapsed" desc="Generated Code"> //GEN-BEGIN: initComponents void initComponents() -void closeButtonActionPerformed(java.awt.event.ActionEvent evt) -void roomType_comboboxMouseClicked(java.awt.event.MouseEvent evt) -void roomType_comboboxActionPerformed(java.awt.event.ActionEvent evt) -void search_buttonActionPerformed(java.awt.event.ActionEvent evt) -void search_buttonKeyPressed(java.awt.event.KeyEvent evt) -void book_buttonActionPerformed(java.awt.event.ActionEvent evt) -void book_buttonKeyPressed(java.awt.event.KeyEvent evt) -void closeButton1ActionPerformed(java.awt.event.ActionEvent evt) -void reset_buttonActionPerformed(java.awt.event.ActionEvent evt) -void reset_buttonKeyPressed(java.awt.event.KeyEvent evt) +static void main(String args) </div>
🔗 booking_confirm
<div> <div> +Connection cn +Statement st +int Set_index -String _Booked_by_firstname +String _Booked_by_lastname +String _childerNO +String _adultNo +String _Booked_from +String _Booked_to +int count +int Totalcost +String[] _All_Room_Nos +byte[] image_identification -javax.swing.JButton book_button -javax.swing.JButton closeButton -javax.swing.JPanel jPanel1 -javax.swing.JLabel totalCost_table1 -javax.swing.JTextField totalCost_textbox </div> </div>
<div> +booking_confirm() +booking_confirm(String Booked_by_firstname, String Booked_by_lastname, String childerNO, String adultNo, String Booked_from, String Booked_to, String[] AllRoomNos, int total_cost, int c, byte[] _image) +void conection() +void getset_index() +void Set_Booking(String Booked_by_firstname, String Booked_by_lastname, String childerNO, String Booked_from, String Booked_to, String AllRoomNos, int total_cost) -// <editor-fold defaultstate="collapsed" desc="Generated Code"> //GEN-BEGIN: initComponents void initComponents() -void closeButtonActionPerformed(java.awt.event.ActionEvent evt) -void totalCost_textboxMouseClicked(java.awt.event.MouseEvent evt) -void totalCost_textboxActionPerformed(java.awt.event.ActionEvent evt) -void book_buttonActionPerformed(java.awt.event.ActionEvent evt) -void book_buttonKeyPressed(java.awt.event.KeyEvent evt) +static void main(String args) +String getBooked_by_firstname() +void setBooked_by_firstname(String _Booked_by_firstname) </div>


Booking_delete_confirm


-  +Connection cn
-  +Statement st
-  +byte[] image_identification
-  +String Booking_Index
-  -javax.swing.JPanel Booking_delete_main_panel
-  -javax.swing.JButton closeButton
-  -javax.swing.JLabel dateFrom_label
-  -javax.swing.JTextField dateFrom_textbox
-  -javax.swing.JLabel dateTo_label
-  -javax.swing.JTextField dateTo_textbox
-  -javax.swing.JButton deleteSelectedBooking_button
-  -javax.swing.JLabel firstName_label
-  -javax.swing.JTextField firstname_textbox
-  -javax.swing.JLabel icon
-  -javax.swing.JLabel identificationNo_label
-  -javax.swing.JLabel lastName_label
-  -javax.swing.JTextField lastname_textbox
-  -javax.swing.JTextField noAdult_textbox
-  -javax.swing.JTextField noChildren_textbox
-  -javax.swing.JLabel noFoAdults_label
-  -javax.swing.JLabel noFoChildren_label


-  +Booking_delete_confirm()
-  +Booking_delete_confirm(String BookingIndex)
-  +void conection()
-  +void display_deatils(String booking_ind)
-  +void detele_booking(String booking_ind)
-  +void setRoom_vacant(String booking_ind)
-  +void update()
-  -// <editor-fold defaultstate="collapsed" desc="Generated Code">//GEN-BEGIN: initComponents void initComponents()
-  -void closeButtonActionPerformed(java.awt.event.ActionEvent evt)
-  -void deleteSelectedBooking_buttonActionPerformed(java.awt.event.ActionEvent evt)
-  -void dateFrom_labelMouseClicked(java.awt.event.MouseEvent evt)
-  -void dateTo_labelMouseClicked(java.awt.event.MouseEvent evt)
-  +static void main(String args)


Booking_edit


 + byte[] image_identification


 + String filename

 + Connection cn


 + Statement st

 + String BookingIndex

 - javax.swing.JButton closeButton


 - javax.swing.JLabel dateFrom_label

 - javax.swing.JLabel dateTo_label

 - com.toedter.calendar.JDateChooser date_from_datechooser

 - com.toedter.calendar.JDateChooser date_to_datechooser

 - javax.swing.JButton deleteSelectedBooking_button

 - javax.swing.JButton deleteSelectedBooking_button1

 - javax.swing.JLabel error1_label


 - javax.swing.JLabel error2_label

 - javax.swing.JLabel error3_label


 - javax.swing.JLabel error4_label


 - javax.swing.JLabel error5_label


 - javax.swing.JLabel error6_label


 - javax.swing.JLabel firstName_label


 - javax.swing.JTextField firstname_textbox

 - javax.swing.JLabel foto

 - javax.swing.JLabel identificationNo_label


 - javax.swing.JPanel jPanel1

 - javax.swing.JLabel lastName_label

 - javax.swing.JTextField lastname_textbox


 - javax.swing.JTextField noAdult_textbox


 - javax.swing.JTextField noChildren_textbox


 - javax.swing.JLabel noFoAdults_label


 - javax.swing.JLabel noFoChildren_label


 + Booking_edit()


 + Booking_edit(String BookingIndex)


 + void conection()


 + void update()

 + void display_deatils(String booking_ind)

 + void Update_edit(String fName, String lName, String datefrom, String dateto, String num_adult, String num_children, String bookind)


 + void get_edited_data()

 + void disable()


 - // <editor-fold defaultstate="collapsed" desc="Generated Code"> //GEN-BEGIN: initComponents void initComponents()

 - void deleteSelectedBooking_button1ActionPerformed(java.awt.event.ActionEvent evt)

 - void dateTo_labelMouseClicked(java.awt.event.MouseEvent evt)

 - void dateFrom_labelMouseClicked(java.awt.event.MouseEvent evt)

 - void deleteSelectedBooking_buttonActionPerformed(java.awt.event.ActionEvent evt)

 - void closeButtonActionPerformed(java.awt.event.ActionEvent evt)

 + static void main(String args)

Booking_room_change

```









+ Connection cn
+ Statement st
- boolean search_bol
+ String bookingind
+ byte[] image_indentification
+ String firstname
+ String lastname
+ String Datefrom
+ String Dateto
+ String Num_adult
+ String Num_children
+ String Bookindex
+ int cost_each_room
+ String Booked_rooms
- String room_list
- String c_booking_rm
- boolean chop
- javax.swing.JPanel Master_pane
- javax.swing.JButton book_button
- javax.swing.JButton closeButton
- javax.swing.JScrollPane jScrollPane1
- javax.swing.JButton reset_button
- javax.swing.JTable roomChooser_table
- javax.swing.JComboBox<String> roomType_combobox
- javax.swing.JLabel roomtype_table
- javax.swing.JButton search_button
- javax.swing.JLabel totalCost_table

+ Booking_room_change()
+ Booking_room_change(String BookingIndex, String fName, String lName, String datefrom, String dateto, String num_adult, String num_children, byte[] image_indenti)
+ void conection()
- void get_bookings()
- void get_c_bookingRoom(String BIX)
- void Break_cb_rm(String rms)
- void get_rT(String[] rm, int numCT)
- void get_Rc(String rm, String RT)
- void set_table(String rm, String RT, String rc)
- void get_RT_cost(String RT)
- void array_of_bookedrooms(String RM, int RT_cost, String RT)
- void set_table(String RT, int RT_cost, String[] ml, int num)
+ void Update_edit(String fName, String lName, String datefrom, String dateto, String num_adult, String num_children, String bookind, String All_Room_Nos, int Total_cost, int count, String[]
+ void reset_eachroom_booked(String bookind)
+ void update()
+ void RoomType_combobox()
- // <editor-fold defaultstate="collapsed" desc="Generated Code"> //GEN-BEGIN: initComponents void initComponents()
- void closeButtonActionPerformed(java.awt.event.ActionEvent evt)
- void roomType_comboboxMouseClicked(java.awt.event.MouseEvent evt)
- void roomType_comboboxActionPerformed(java.awt.event.ActionEvent evt)
- void search_buttonActionPerformed(java.awt.event.ActionEvent evt)
- void search_buttonKeyPressed(java.awt.event.KeyEvent evt)
- void book_buttonActionPerformed(java.awt.event.ActionEvent evt)
- void book_buttonKeyPressed(java.awt.event.KeyEvent evt)
- void reset_buttonActionPerformed(java.awt.event.ActionEvent evt)
- void reset_buttonKeyPressed(java.awt.event.KeyEvent evt)
+ static void main(String args)












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

employee_edit

-  + Connection cn
-  + Statement st
-  + String empno
-  - javax.swing.JButton addRemoveRoomType_button
-  - javax.swing.JComboBox<String> authorityLevel_combobox
-  - javax.swing.JButton closeButton
-  - javax.swing.JTextField empNo_textbox
-  - com.toedter.calendar.JDateChooser employeeDOB_datechooser
-  - javax.swing.JLabel firstName_label
-  - javax.swing.JLabel firstName_label1
-  - javax.swing.JTextField firstName_textbox
-  - javax.swing.JComboBox<String> gender_combobox
-  - javax.swing.JLabel hotel_label
-  - javax.swing.JPanel jPanel1
-  - javax.swing.JPanel jPanel2
-  - javax.swing.JLabel lastName_label
-  - javax.swing.JLabel lastName_label1
-  - javax.swing.JLabel lastName_label2
-  - javax.swing.JLabel lastName_label4
-  - javax.swing.JTextField lastName_textbox
-  - javax.swing.JLabel reservation_label



-  + employee_edit()
-  + employee_edit(String Empno)
-  + void conection()
-  + void Setdata(String empno)
-  + void getdata(String empno)
-  - // <editor-fold defaultstate="collapsed" desc="Generated Code">///GEN-BEGIN: initComponents void initComponents()
-  - void closeButtonActionPerformed(java.awt.event.ActionEvent evt)
-  - void empNo_textboxMouseClicked(java.awt.event.MouseEvent evt)
-  - void empNo_textboxActionPerformed(java.awt.event.ActionEvent evt)
-  - void firstName_textboxMouseClicked(java.awt.event.MouseEvent evt)
-  - void firstName_textboxActionPerformed(java.awt.event.ActionEvent evt)
-  - void lastName_textboxMouseClicked(java.awt.event.MouseEvent evt)
-  - void lastName_textboxActionPerformed(java.awt.event.ActionEvent evt)
-  - void addRemoveRoomType_buttonActionPerformed(java.awt.event.ActionEvent evt)
-  + static void main(String args)







employeeDelete_confirmation

 + Connection cn
 + Statement st
 + String empno
 + String fullname
 - javax.swing.JButton closeButton2
 - javax.swing.JButton delete_button
 - javax.swing.JPanel jPanel1
 - javax.swing.JLabel roomNo_label
 - javax.swing.JLabel roomNo_label1
 - javax.swing.JTextField selectedEmployee_textbox
 - javax.swing.JTextField selectedemployeename_textbox

 + employeeDelete_confirmation()
 + employeeDelete_confirmation(String EmpNo, String Fullname)
 + void conection()
 + void delete()
 - // <editor-fold defaultstate="collapsed" desc="Generated Code"> //GEN-BEGIN: initComponents void initComponents()
 - void closeButton2ActionPerformed(java.awt.event.ActionEvent evt)
 - void selectedEmployee_textboxActionPerformed(java.awt.event.ActionEvent evt)
 - void delete_buttonActionPerformed(java.awt.event.ActionEvent evt)
 - void selectedemployeename_textboxActionPerformed(java.awt.event.ActionEvent evt)
 + static void main(String args)

forgot_passwordORusername

 - javax.swing.JLabel Lable
 - javax.swing.JButton closeButton
 - javax.swing.JButton forgot_password
 - javax.swing.JButton forgot_username
 - javax.swing.JPanel jPanel1

 + forgot_passwordORusername()
 - // <editor-fold defaultstate="collapsed" desc="Generated Code"> //GEN-BEGIN: initComponents void initComponents()
 - void closeButtonActionPerformed(java.awt.event.ActionEvent evt)
 - void forgot_passwordActionPerformed(java.awt.event.ActionEvent evt)
 - void forgot_usernameActionPerformed(java.awt.event.ActionEvent evt)
 + static void main(String args)

✚ Forgot_password

- ✚ +String username
- ✚ +Connection cn
- ✚ +Statement st
- ✚ - permission c1
- ✚ - javax.swing.JLabel Answer_lable
- ✚ - javax.swing.JLabel Answer_lable1
- ✚ - javax.swing.JLabel Answer_lable2
- ✚ - javax.swing.JLabel Lable
- ✚ - javax.swing.JPanel Set_Password
- ✚ - javax.swing.JTextField answer_textbox
- ✚ - javax.swing.JTextField answer_textbox1
- ✚ - javax.swing.JTextField answer_textbox2
- ✚ - javax.swing.JButton closeButton
- ✚ - javax.swing.JScrollPane jScrollPane1
- ✚ - javax.swing.JScrollPane jScrollPane2
- ✚ - javax.swing.JScrollPane jScrollPane3
- ✚ - javax.swing.JPanel masterpane
- ✚ - javax.swing.JLayeredPane masterpaneLayer
- ✚ - javax.swing.JButton next1_button
- ✚ - javax.swing.JButton next1_button1
- ✚ - javax.swing.JButton next1_button2
- ✚ - javax.swing.JButton next1_button3
- ✚ - javax.swing.JButton next1_button4
- ✚ - javax.swing.JLabel passre_lable
- ✚ - javax.swing.JLabel password_lable
- ✚ - javax.swing.JTextField password_textbox
- ✚ - javax.swing.JPanel question_ans
- ✚ - javax.swing.JLabel question_lable
- ✚ - javax.swing.JLabel question_lable1
- ✚ - javax.swing.JLabel question_lable2
- ✚ - javax.swing.JTextArea question_textarea
- ✚ - javax.swing.JTextArea question_textarea1
- ✚ - javax.swing.JTextArea question_textarea2
- ✚ - javax.swing.JTextField reenter_textbox
- ✚ - javax.swing.JPanel username_get_question
- ✚ - javax.swing.JPanel username_get_question1
- ✚ - javax.swing.JPanel username_get_question2
- ✚ - javax.swing.JTextField username_textbox

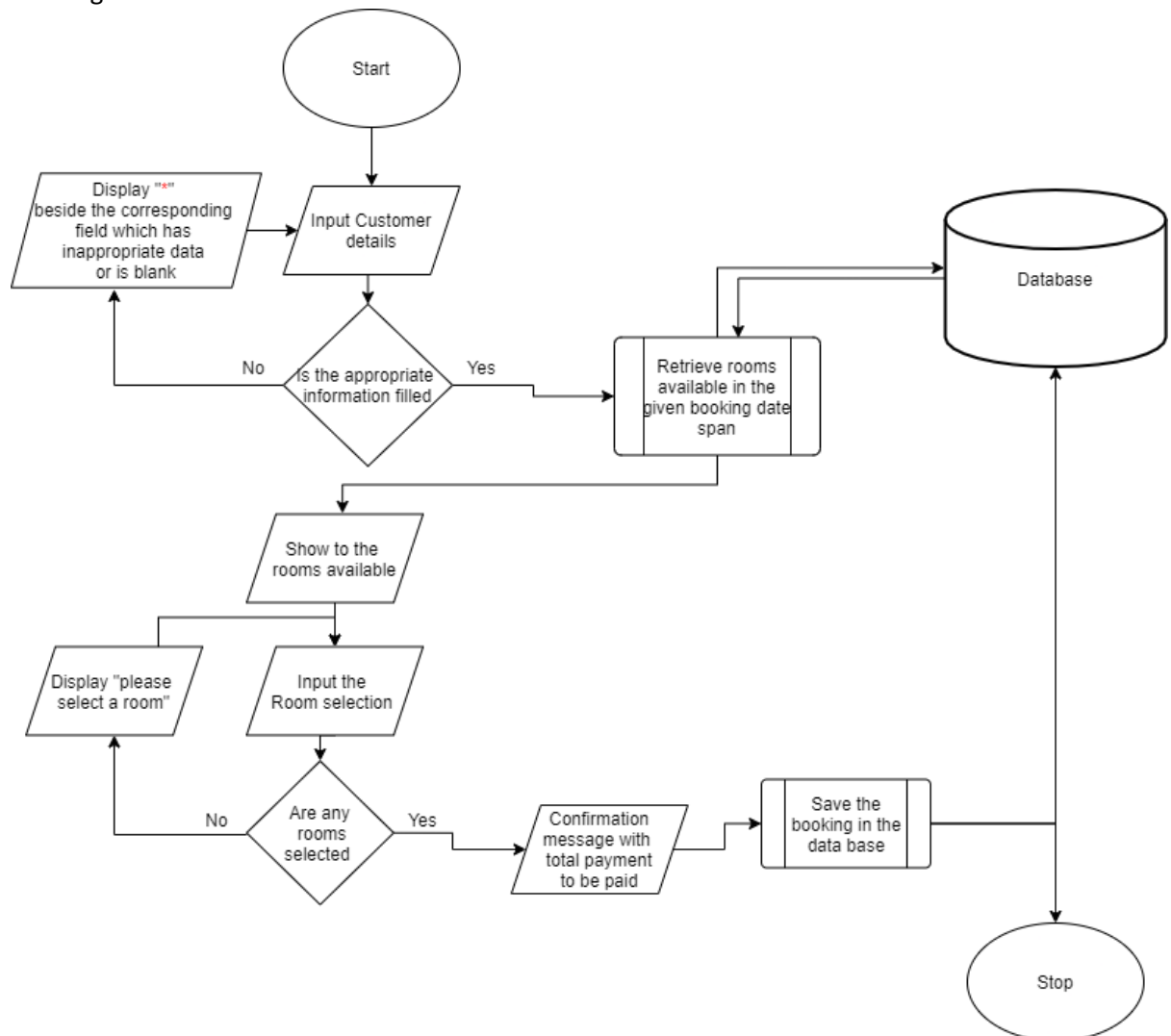
- ✚ +Forgot_password()
- ✚ -void conection()
- ✚ -// <editor-fold defaultstate="collapsed" desc="Generated Code"> //GEN-BEGIN: initComponents void initComponents()
- ✚ -void closeButtonActionPerformed(java.awt.event.ActionEvent evt)
- ✚ -void answer_textbox2MouseClicked(java.awt.event.MouseEvent evt)
- ✚ -void answer_textbox2ActionPerformed(java.awt.event.ActionEvent evt)
- ✚ -void next1_button3ActionPerformed(java.awt.event.ActionEvent evt)
- ✚ -void reenter_textboxMouseClicked(java.awt.event.MouseEvent evt)
- ✚ -void reenter_textboxActionPerformed(java.awt.event.ActionEvent evt)
- ✚ -void next1_button4ActionPerformed(java.awt.event.ActionEvent evt)
- ✚ -void password_textboxMouseClicked(java.awt.event.MouseEvent evt)
- ✚ -void password_textboxActionPerformed(java.awt.event.ActionEvent evt)
- ✚ -void next1_buttonActionPerformed(java.awt.event.ActionEvent evt)
- ✚ -void username_textboxActionPerformed(java.awt.event.ActionEvent evt)
- ✚ -void username_textboxMouseClicked(java.awt.event.MouseEvent evt)
- ✚ +static void main(String args)

admin_options		mainMenu
<ul style="list-style-type: none"> + Connection cn + Statement st + String username + String SearchBy - boolean size + int x + int y - static int xx - java.awt.Button accountMake_button - java.swing.JPanel accountManagement_pane - java.swing.JButton accountMgmt_button - java.swing.JPanel accountMgmt_pane - java.swing.JButton addRemoveRoomType_button - java.swing.JButton addRemoveRoom_button - java.swing.JLabel addRoom_label - java.swing.JLabel addRoom_label1 - java.swing.JComboBox<String>- authority_level_combobox - java.swing.JLabel authority_level_label - java.swing.JButton closeButton - java.swing.JButton closeButton1 - java.swing.JButton closeButton2 - java.swing.JButton closeButton3 - java.swing.JButton deleteEmployee_button - com.toedter.calendar.DateChooser dob_datechooser - java.swing.JLabel dob_label - java.swing.JButton editEmployee_label - java.swing.JLabel employeeNo_label - java.swing.JTextField employeeNo_textbox - java.swing.JButton employeeSignInUp_button - java.swing.JButton employeeSignInUp_button1 - java.swing.JTable employeeTable_view - java.swing.JLabel error1_label - java.swing.JLabel error2_label - java.swing.JLabel error3_label - java.swing.JLabel error4_label - java.swing.JLabel error5_label - java.swing.JLabel error6_label - java.swing.JLabel error7_label - java.swing.JLabel firstName_label1 - java.swing.JTextField firstName_textbox - java.swing.JComboBox<String>- gender_combobox - java.swing.JLabel gender_label - java.swing.JLabel hotel_label - java.swing.JLabel label1 - java.swing.JScrollPane scrollPane1 - java.swing.JLabel lastName_label1 - java.swing.JTextField lastName_textbox - java.swing.JLayeredPane masterLayered_pane - java.swing.JPanel master_pane - java.swing.JLabel passwordRe_label - java.swing.JTextField passwordRe_textbox - java.swing.JLabel password_label - java.swing.JTextField password_textbox - java.swing.JButton putRoomInOutOfService_button - java.swing.JLabel removeRoomOutOfService_label - java.swing.JLabel reservation_label - java.swing.JRadioButton searchAll - java.swing.JRadioButton searchByEmpNo_radio - java.swing.JRadioButton searchByName_radio - java.swing.ButtonGroup searchBy_buttonGroup - java.swing.JButton search_button - java.swing.JTextField selectedEmployee_textfield - java.swing.JTextField searchBox_textfield - java.swing.JLabel searchEmployee_label - java.swing.JLabel searchEmployee_label1 - java.swing.JPanel service_pane - java.swing.JButton servicing_button - java.swing.JPanel style1_pane - java.swing.JLabel username_label - java.swing.JTextField username_textbox 		<ul style="list-style-type: none"> + Connection cn + Statement st + String filename + String sname + Swing Image identification + String_username + String SearchBy + String selectedBookingIndex + int mouseX + int mouseY + int x + int y - boolean size - static int xx - java.swing.JComboBox<String>- RoomType_combobox - java.swing.ButtonGroup SearchBy_bookinglog - java.swing.JButton addidentification_button - java.swing.JButton adminOptions_button - java.swing.JButton adminOptions_button1 - java.swing.JPanel availability_pane - java.swing.JButton availability_button - java.swing.JButton bookConfirm_button - java.swing.JPanel bookingLog_pane - java.swing.JTable bookingLog_table - java.swing.JButton booking_button - java.swing.JPanel booking_pane - java.swing.JButton check_button - java.swing.JButton closeBooking_button - java.swing.JButton closeBook1 - java.swing.JButton closeBook2 - com.toedter.calendar.DateChooser datefrom_datechooser - java.swing.JLabel datefrom_label - com.toedter.calendar.DateChooser dateTo_datechooser - java.swing.JLabel dateTo_label - com.toedter.calendar.DateChooser date_choser_xxx - com.toedter.calendar.DateChooser datescheduler_Search - java.swing.JButton deleteSelectedBooking_button - java.swing.JButton editSelectedBooking_button - java.swing.JLabel error1_label - java.swing.JLabel error1_label_book - java.swing.JLabel error2_label - java.swing.JLabel error2_label_book - java.swing.JLabel error3_label_book - java.swing.JLabel error6_label_book - java.swing.JLabel error5_label_book - java.swing.JLabel firstName_label - java.swing.JLabel firstName_label1 - java.swing.JLabel firstName_label2 - java.swing.JLabel firstName_label3 - java.swing.JTextField firstName_textbox - java.swing.JRadioButton for_all - java.swing.JLabel hotel_label - java.swing.JLabel icon - java.swing.JLabel identificationTo_label - java.swing.JLabel label1 - java.swing.JScrollPane scrollPane1 - java.swing.JLabel lastName_label - java.swing.JTextField lastName_textbox - java.swing.JButton loginButton - java.swing.JLayeredPane masterLayered_pane - java.swing.JPanel master_pane - java.swing.JLabel noAdults_label - java.swing.JTextField noOfAdults_textbox - java.swing.JLabel noOfChildren_label - java.swing.JTextField noOfChildren_textbox - java.swing.JLabel reservation_label - java.swing.JTextField searchName_textbox - java.swing.JButton search_button - java.swing.JRadioButton search_date - java.swing.JRadioButton search_firstname - java.swing.JRadioButton search_lastname - java.swing.JTextField selectRoomFrom_roomTextBox - java.swing.JLabel style1_label - java.swing.JPanel style1_pane - java.swing.JLabel style2_label - java.swing.JLabel totalRoomsAvailable_C1_label - java.swing.JTextField totalRoomsAvailable_C1_textbox - java.swing.JLabel totalRoomsAvailable_Label1 - java.swing.JLabel totalRoomsAvailable_Label1 - java.swing.JTextField totalRoomsAvailable_textbox - java.swing.JTextField totalRoomsOfC_label - java.swing.JTextField totalRooms_textbox
<ul style="list-style-type: none"> + admin_options() + admin_options(String username_) + void admin_disable() + void connection() - if <editor-fold defaultstate="collapsed"> desc="Generated Code"></GEN-BEGIN initComponents void initComponents() - void closeButtonActionPerformed(java.awt.event.ActionEvent evt) - void servicing_buttonActionPerformed(java.awt.event.ActionEvent evt) - void employeeSignInUp_buttonActionPerformed(java.awt.event.ActionEvent evt) - void accountMgmt_buttonActionPerformed(java.awt.event.ActionEvent evt) - void closeButton1ActionPerformed(java.awt.event.ActionEvent evt) - void lastName_labelMouseClicked(java.awt.event.MouseEvent evt) - void lastName_textboxActionPerformed(java.awt.event.ActionEvent evt) - void accountMake_buttonActionPerformed(java.awt.event.ActionEvent evt) - void dob_datechooserMouseClicked(java.awt.event.MouseEvent evt) - void dob_labelMouseClicked(java.awt.event.MouseEvent evt) - void gender_labelMouseClicked(java.awt.event.MouseEvent evt) - void firstName_labelMouseClicked(java.awt.event.MouseEvent evt) - void firstName_textboxActionPerformed(java.awt.event.ActionEvent evt) - void employeeNo_labelMouseClicked(java.awt.event.MouseEvent evt) - void password_textboxMouseClicked(java.awt.event.MouseEvent evt) - void password_textboxActionPerformed(java.awt.event.ActionEvent evt) - void username_textboxMouseClicked(java.awt.event.MouseEvent evt) - void username_textboxActionPerformed(java.awt.event.ActionEvent evt) - void passwordRe_textboxMouseClicked(java.awt.event.MouseEvent evt) - void putRoomInOutOfService_buttonActionPerformed(java.awt.event.ActionEvent evt) - void addRemoveRoom_buttonActionPerformed(java.awt.event.ActionEvent evt) - void addRemoveRoomType_buttonActionPerformed(java.awt.event.ActionEvent evt) - void searchByName_radioActionPerformed(java.awt.event.ActionEvent evt) - void searchByEmpNo_radioActionPerformed(java.awt.event.ActionEvent evt) - void search_buttonActionPerformed(java.awt.event.ActionEvent evt) - void employeeTable_tableMouseClicked(java.awt.event.MouseEvent evt) - void deleteEmployee_buttonActionPerformed(java.awt.event.ActionEvent evt) - void selectedEmployee_textfieldActionPerformed(java.awt.event.ActionEvent evt) - void editEmployee_buttonActionPerformed(java.awt.event.ActionEvent evt) - void searchAllActionPerformed(java.awt.event.ActionEvent evt) - void employeeSignInUp_buttonActionPerformed(java.awt.event.ActionEvent evt) - void closeButton2ActionPerformed(java.awt.event.ActionEvent evt) - void label1MouseClicked(java.awt.event.MouseEvent evt) - void label1MouseDragged(java.awt.event.MouseEvent evt) - void label1MouseClicked(java.awt.event.MouseEvent evt) - void label1MousePressed(java.awt.event.MouseEvent evt) - void label1MouseReleased(java.awt.event.MouseEvent evt) + static void main(String args) 		<ul style="list-style-type: none"> + MainMenu() + MainMenu(String username) + void connection() + void get_rooms() + void RoomType_combobox() + void eachRoomTypeArea2(String roomType) - void find_room(int room, int out_of_services, String RM, String RT) + void update() + void admin(String username) + void disable() + void clear_bookingLog() - if <editor-fold defaultstate="collapsed"> desc="Generated Code"></GEN-BEGIN initComponents void initComponents() - void availability_buttonActionPerformed(java.awt.event.ActionEvent evt) - void booking_buttonActionPerformed(java.awt.event.ActionEvent evt) - void adminOptions_buttonActionPerformed(java.awt.event.ActionEvent evt) - void totalRoomsAvailable_textboxMouseClicked(java.awt.event.MouseEvent evt) - void totalRooms_textboxMouseClicked(java.awt.event.MouseEvent evt) - void check_bookingActionPerformed(java.awt.event.ActionEvent evt) - void totalRoomsOfC_labelMouseClicked(java.awt.event.MouseEvent evt) - void totalRoomsAvailable_C1_labelMouseClicked(java.awt.event.MouseEvent evt) - void RoomType_comboboxActionPerformed(java.awt.event.ActionEvent evt) - void loginButtonActionPerformed(java.awt.event.ActionEvent evt) - void searchName_textboxActionPerformed(java.awt.event.ActionEvent evt) - void searchLastName_textboxActionPerformed(java.awt.event.ActionEvent evt) - void deleteSelectedBooking_buttonActionPerformed(java.awt.event.ActionEvent evt) - void search_firstnameActionPerformed(java.awt.event.ActionEvent evt) - void dateChooser_SearchMouseClicked(java.awt.event.MouseEvent evt) - void master_panelMouseClicked(java.awt.event.MouseEvent evt) - void label_MouseDragged(java.awt.event.MouseEvent evt) - void label_MousePressed(java.awt.event.MouseEvent evt) - void label_MouseReleased(java.awt.event.MouseEvent evt) - void label_MouseDragged(java.awt.event.MouseEvent evt) - void closeButtonActionPerformed(java.awt.event.ActionEvent evt) - void selectedRoom_textboxActionPerformed(java.awt.event.ActionEvent evt) - void for_allActionPerformed(java.awt.event.ActionEvent evt) - void master_panelMouseClicked(java.awt.event.MouseEvent evt) - void master_panelMousePressed(java.awt.event.MouseEvent evt) - void label1MouseClicked(java.awt.event.MouseEvent evt) - void label1MousePressed(java.awt.event.MouseEvent evt) - void label1MouseReleased(java.awt.event.MouseEvent evt) - void label1MouseDragged(java.awt.event.MouseEvent evt) - void closeButtonActionPerformed(java.awt.event.ActionEvent evt) - void closeButton2ActionPerformed(java.awt.event.ActionEvent evt) - void firstName_labelMouseClicked(java.awt.event.MouseEvent evt) - void firstName_labelMouseClicked(java.awt.event.MouseEvent evt) - void noAdults_textboxMouseClicked(java.awt.event.MouseEvent evt) - void noChildren_textboxMouseClicked(java.awt.event.MouseEvent evt) - void bookConfirm_buttonActionPerformed(java.awt.event.ActionEvent evt) - void datefrom_datechooserMouseClicked(java.awt.event.MouseEvent evt) - void dateTo_date_choser_adminMouseClicked(java.awt.event.ActionEvent evt) - void totalRoomsAvailable_labelMouseClicked(java.awt.event.ActionEvent evt) + static void main(String args)

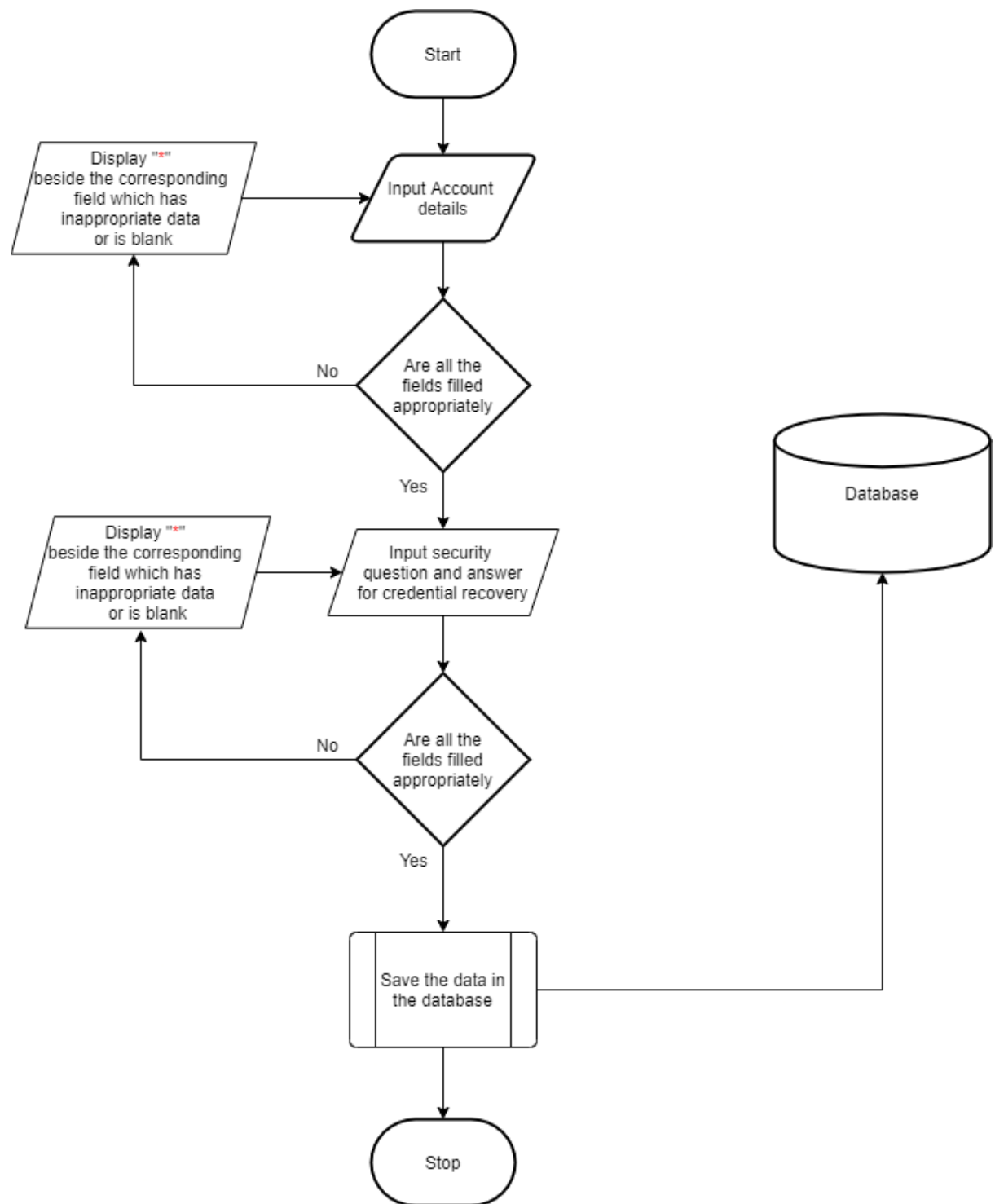
get_set_data
<div> <div>+Connection cn</div> <div>+Statement st</div> </div>
<div> <div>+void conection()</div> <div>+void main()</div> <div>-void checkBooking()</div> <div>-void break_rooms(String rooms, boolean check, String booking_ind, String fn, String ln, String bf, String bt)</div> <div>-void set_occupy(String[] room, int num, String booking_ind, String first_name, String last_name, String bookfrom, String bookto)</div> <div>-void set_vacant(String[] room, int num)</div> <div>-void set_booking_been(String booking_ind)</div> </div>
forgotPassword_username
<div> <div>+forgotPassword_username()</div> <div>-// <editor-fold defaultstate="collapsed" desc="Generated Code"> //GEN-BEGIN: initComponents void initComponents()</div> <div>+static void main(String args)</div> </div>

System Flowcharts:

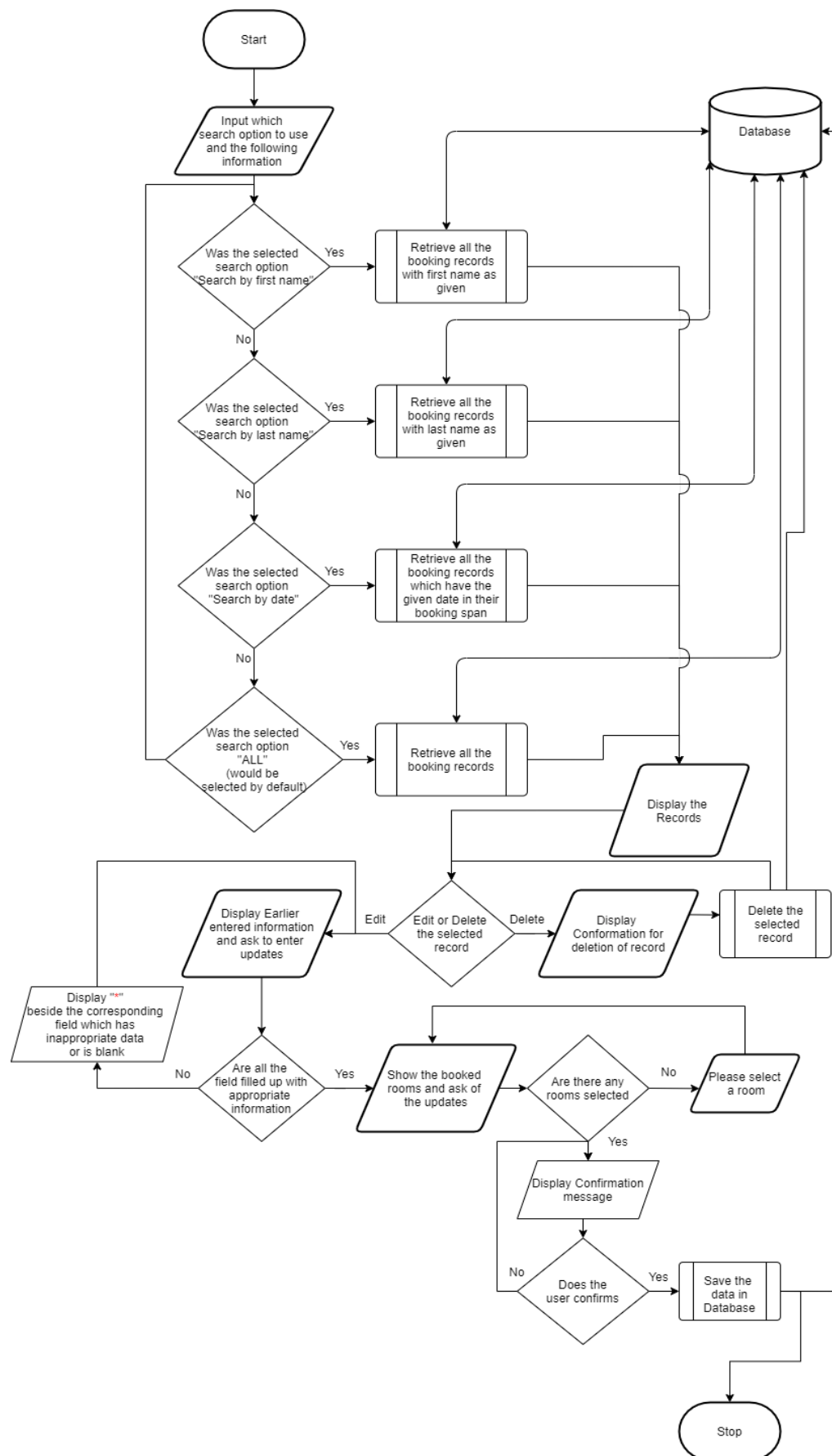
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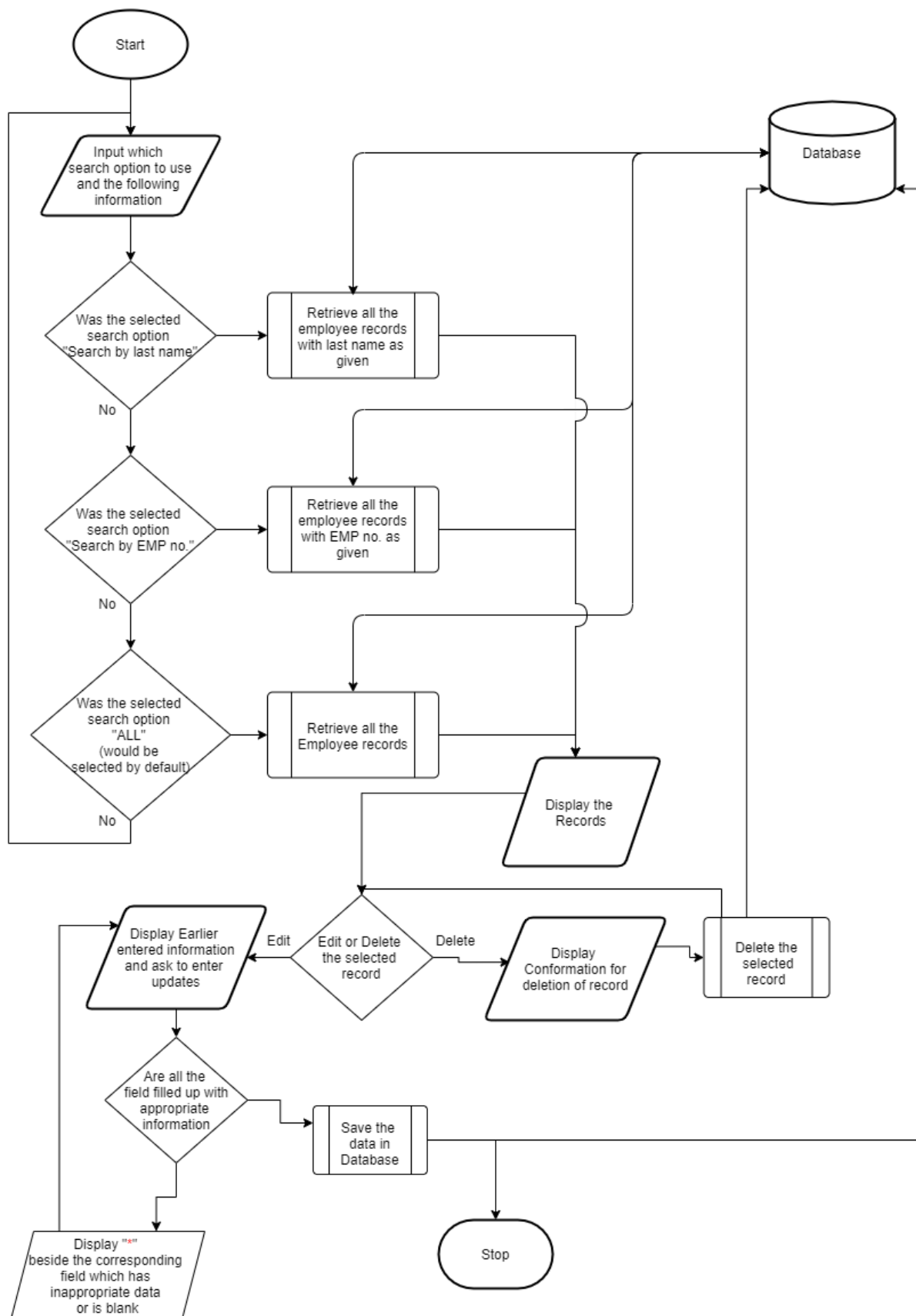
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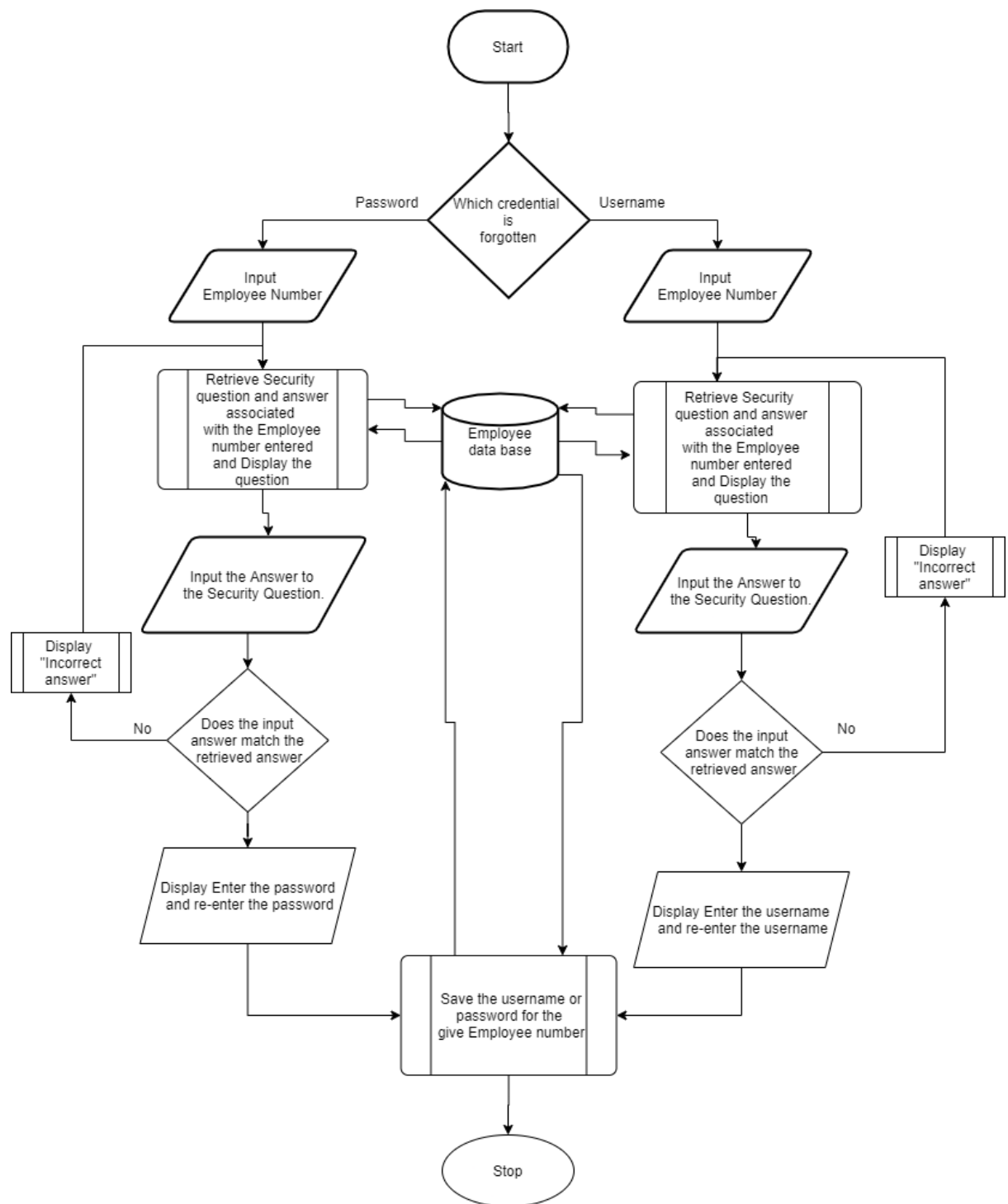
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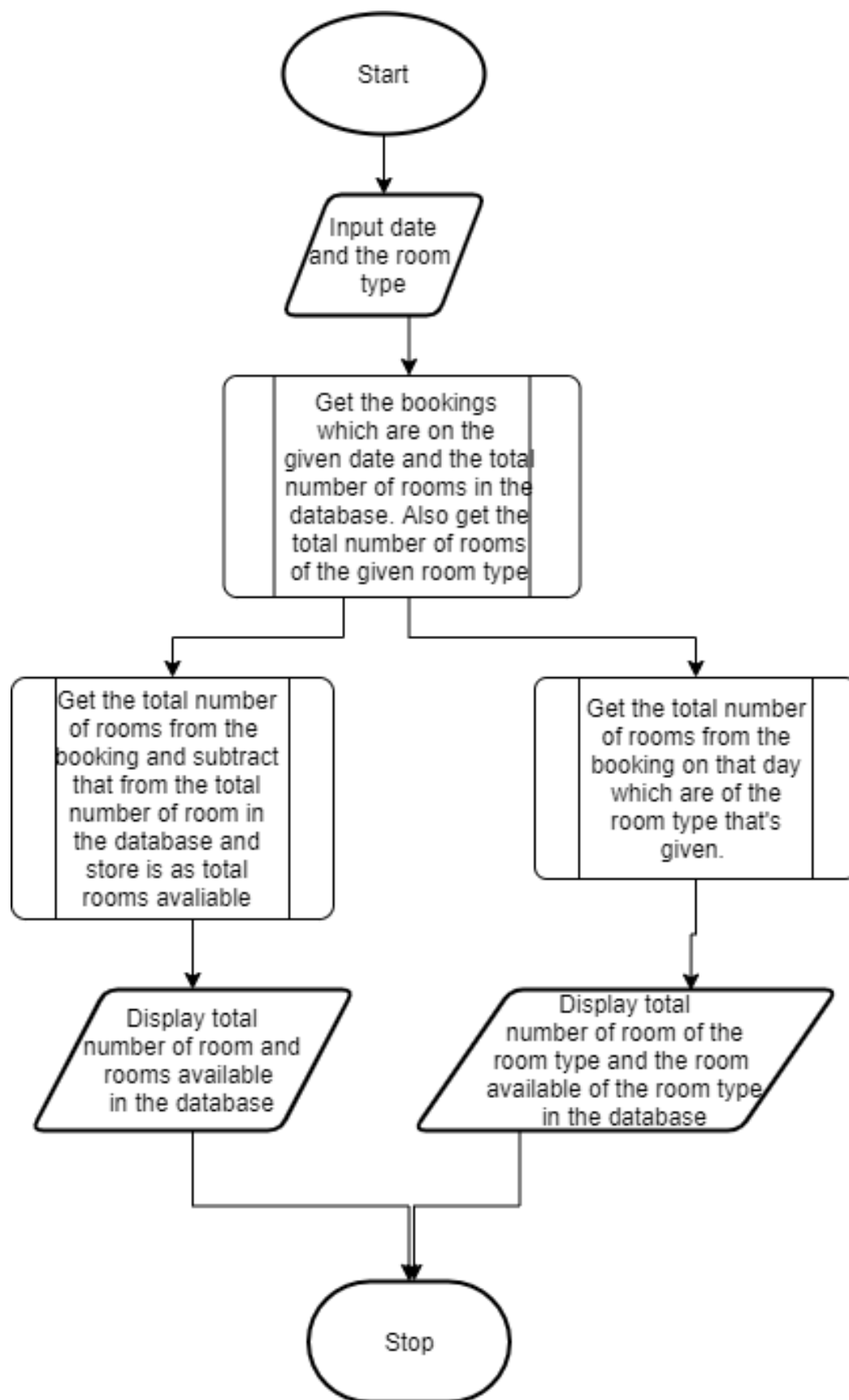
Edit employ account:



Forgot credentials:



Get availability:



Print or save records:

