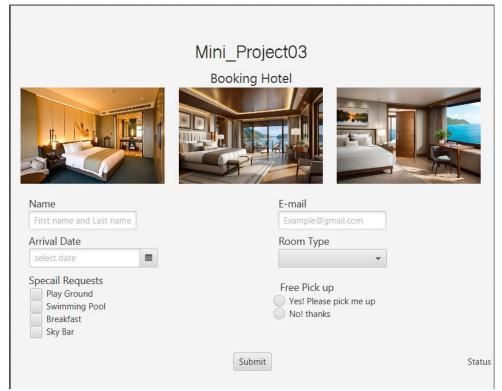
## Mini\_Project03

Topic: Write the project to store data from costumer that booking the hotel

Main.java

```
J Main.java X
C: > Users > ASUS > Desktop > Mini_Projects > MiniProject03 > → Main.java > ...
      import javafx.application.Application;
      import javafx.fxml.FXMLLoader;
      import javafx.scene.Scene;
      import javafx.scene.image.Image;
      import javafx.stage.Stage;
      public class Main extends Application {
          public static void main(String[] args) {
              launch(args);
          @Override
          public void start(Stage stage) throws Exception {
               Scene scene = FXMLLoader.load(getClass().getResource("View.fxml"));
               stage.setScene(scene);
               stage.setTitle("Booking Hotel Room");
               stage.show();
```

View.fxml



• ViewController.java

```
Desktop > Mini_Projects > MiniProject03 > J ViewController.java
import java.io.IOException;
import java.net.URL;
import java.time.LocalDateTime;
import java.time.format.DateTimeFormatter;
import javafx.fxml.FXML;
import javafx.fxml.Initializable;
import javafx.scene.control.Button;
import javafx.scene.control.CheckBox;
import javafx.scene.control.ChoiceBox;
import javafx.scene.control.DatePicker;
import javafx.scene.control.Label;
import javafx.scene.control.RadioButton;
     private Button button submit;
     @FXML
    private CheckBox checkbox_breakfast;
    private CheckBox checkbox_playground;
    @FXML
private CheckBox checkbox_skybar;
    private CheckBox checkbox_swimmingpool;
     private ChoiceBox<String> choicebox_roomtype;
  private DatePicker datepicker_arrivaldate;
  @FXML
  @FXML
  private Label label_status;
  @FXML
private TextField textfield_email;
  @FXML
private TextField textfield_name;
  public void initialize(URL arg0, ResourceBundle arg1) {
       choicebox_roomtype.getItems().addAll("Single", "Double");
   void button submit action(ActionEvent event) {
       String roomtype = choicebox_roomtype.getValue();
       if(!textfield_name.getText().isEmpty() && !textfield_email.getText().isEmpty()
```

```
!datepicker_arrivaldate.getEditor().getText().isEmpty()
          ( !radiobutton_no .isSelected() || !radiobutton_yes.isSelected()) &&
             ({\tt checkbox\_breakfast.isSelected}()~||~{\tt checkbox\_playground.isSelected}()~||~{\tt checkbox\_breakfast.isSelected}()~||~{\tt checkbox\_breakfast.isSelected}()~||~||~|~|~|~|~|~|
           checkbox_skybar.isSelected() || checkbox_swimmingpool.isSelected()))
                      String name = textfield_name.getText();
String email = textfield_email.getText();
                       String arrivalDate = datepicker_arrivaldate.getEditor().getText();
                      roomtype = "Room Type:";
                     if( choicebox_roomtype.getValue() == "Single") {
    roomtype = "Room Type: Single";
                      else if( choicebox_roomtype.getValue() == "Double") {
                                roomtype = "Room Type: Double";
                      String freePickup = "Free Pickup: ":
                     if( radiobutton_yes.isSelected()) {
    freePickup = "Free Pickup: Yes! please pick me up";
                     freePickup = "Free Pickup: Yes! pleas
} else if (radiobutton_no.isSelected()) {
                      // Special Requests
String requests = "Specail Requests: ";
                     if(checkbox_breakfast.isSelected()) {
                                 requests = requests + "Breakfast ";
                      else if(checkbox_playground.isSelected()) {
                             requests = requests + "Playground,
                       else if(checkbox_skybar.isSelected()) {
        | else if (checkbox_breakfast.isSelected() && checkbox_playground.isSelected()) {
| requests = requests + "Breakfast, Playground ";
        }
else if (checkbox_playground.isSelected() && checkbox_skybar.isSelected()) {
    requests = requests + "playground, skybar";
        } else if (checkbox_breakfast.isSelected() && checkbox_playground.isSelected() && checkbox_skybar.isSelected()) {
    requests = requests + "Breakfast, Playeround, Skybar":
        } else if (checkbox_breakfast.isSelected() && checkbox_skybar.isSelected() && checkbox_swimmingpool.isSelected()) {
    requests = requests + "greakfast, Skybar, Swimming Pool ";
          )
// Display the status message
String content = "Name: " + name + "\n" +
    "Email: " + email + "\n" +
    "Arrival Date: " + arrivalDate + "\n" +
    roomtype + "\n" +
    freePickup + "\n" +
    roomtype + "\n" +
         requests;

String file name = textfield_name.getText() + "_" + LocalDateTime.now().format(DateTimeFormatter.ofPattern(pattern:"yyyy_NVLdd HH_mm_ss")) + ".txt";
try {
    FileWriter fileWriter = new FileWriter(file_name);
    fileWriter.write(content);
    fileWriter.close();
    label_status.setText("Booking confirmed! Details saved to " + file_name);
} catch (IDEXception e) {
    label_status.setText("Error saving booking details.");
}
 label_status.setText("Thank you");
label_status.setStyle("-fx-text-fill: green;");
```

Output

