Customer

- String firstName;
- String lastName;
- String checkInDate;
- String checkOutDate;
- String phoneNumber;
- String address;
- String email;
- Room room;

+ Customer()
+ Customer(String firstName,String lastName,String checkInDate,String checkOutDate,String phoneNumber,String address,String email,Room room)
+ Room getRoomObject()
+ setFirstName(String first)
+ setLastName(String last)
+ setPhoneNumber(String phoneNumber)
+ setCheckInDate(String checkin)
+ setCheckoutDate(String checkout)
+ setAddress(String address)
+ setEmail(String email)
+ getFirstName()
+ getLastName()
+ getPhoneNum()
+ getCheckInDate()
+ getCheckOutDate()
+ getAddress()
+ getEmail()
+ getRoomNumber()
+ getRoomObject()
+ getRoomPrice()
+ getRoomObject()
+ toString() @Override

MainStageController

private ObservableList<String> roomTypelist
private DatabaseOperations mysqlProcesses
@FXML
private TextField firstNameTextField;
@FXML
private TextField lastNameTextField;
@FXML
private TextField phoneTextField;
@FXML
private TextField addressTextField;
@FXML
private TextField emailTextField;
@FXML
private TableColumn<?, ?> firstNameCol;
@FXML
private TableColumn<?, ?> lastNameCol;
@FXML
private TableColumn<?, ?> phoneCol;
@FXML
private TableColumn<?, ?> addressCol;
@FXML
private TableColumn<?, ?> emailCol;
@FXML
private TableColumn<?, ?> checkInCol;
@FXML
private TableColumn<?, ?> checkOutCol;
@FXML
private TableColumn<?, ?> roomNumCol;
@FXML
private TableColumn<?, ?> roomTypeCol;
@FXML
private DatePicker checkOutDatePicker;
@FXML
private ComboBox roomTypeChoice;
@FXML
private TableView<Customer> tableView;
@FXML
private DatePicker checkInDatePicker;
@FXML
private TextField roomNumberTextField;
@FXML
private TextField roomPriceTextField;
@FXML
private TableView<Room> roomTableView;
@FXML
private TableColumn<?, ?> roomPriceCol;
@FXML
private AnchorPane root;
@FXML
private Text roomFeeText;
@FXML
private Text daysText;
@FXML
private Text totalText;
@FXML
private Text taxText;
@FXML
private Text roomExpenseText;
@FXML
private Text foodExpenseText;
@FXML
private Menu foodOrdering;

+ initialize() void
@FXML
- checkIn() void
@FXML
- loadingRecord() void
@FXML
- checkingOut()void
@FXML
- loggingOut()void
- payment(Customer customer) void
- daysCalculater(Customer customer) long
@FXML
- foodOrderScene() void

UserLoginController

@FXML
- TextField userIdTextField
@FXML
- TextField userPasswordTextField
@FXML
- AnchorPane userLoginpane
- DatabaseOperation databaseOperation
@FXML
- Text errorMessageTx

@Override
+ initialize()
@FXML
- void logIn(ActionEvent event)
@FXML
- void goToRegister(ActionEVent event)
@FXML
- void quitProgram(ActionEvent event)
+ void loadMainStage()

DatabaseOperations

static final String JDBC_DRIVER
static final String DB_URL
- Connection connection
- Statement statement

+ connectTODB() void
+ checkInProcesses(Customer customer) void
+ checkOutProcesses(TableView<Customer>) Customer
+ checkRoomStatus(String roomNum) Boolean
+ changeRoomStatus(Customer customer) void
+ loadingProcesses(TableView customerTableView,TableView roomTableView) void
+ registerpProcesses(String userName,String password) void
+ userLoginProcesses(String userName,String password) boolean
+ findRoomAndName(String roomNum,String firstName) boolean
+ getFoodExpense(String firstName,string lastName) String
+ addNewRoom(Room room) Boolean
+ deleteRoom(TableView<Room> table) boolean
+ updatingRoom(ObservableList<Room> data ,TableView table) void
+ closeConnection() void