

Contribution document for group (GROUP ID: 14)

Members: **Faaris Khan 19075251(Group Leader)**, **Anuk Silva 19078187** and **Siddarath Kumar 19075068**

Faaris Khan 19075251: As part of this group, I was assigned to develop the main menu of the program, implement the functionality of the buttons which takes the user to the different sections of the program, in addition to the FAQ and About Us sections of the program, which implemented non-editable areas of text for the user's to read, clickable buttons to return home, and clickable images in the About Us section to send that designated team member an email. I also implemented a working slideshow in the main menu for the user to scroll through and see different images of the "hotel".

The classes which I have created and developed on during the course of project two included the WelcomeAppGuiMenu, AboutUsGuiMenu, FAQGuiMenu, WelcomeAppGuiInteraction, AboutUsGuiInteraction, FAQGuiInteraction and TCMHotelApp.

Anuk Silva 19078187: As part of this group, I was assigned to create the graphical user interfaces and the appropriate functionalities for the Guest registration, Admin registration, System login and Administrator backend system. In addition to this I have contributed to the functionality of our program which stores data into and reads from Java database tables.

The Guest and Admin Registration system involves the user to input correct values for a Guest or an Admin and it will validate the input and handle any errors to prompt the user to retry if entered data contains invalid input. If the provided details in the forms are correct, a guest or an admin object will be created, and the object will be added to the appropriate database tables that will store all the records. When an Administrator has been created and enters the correct system password, they will gain access to the Admin Backend System window where they can choose to view all tables and records existing in the database and records contained in the table, they want to view in the admin backend System window.

My Model Classes which I have created are the GuestFormDetails and AdminFormDetails files. My Controller Classes which I have created are the GuestFormInteraction, AdminFormInteraction, LoginInteraction, AdminSysMenuInteraction. My View Classes which I have created are the GuestFormMenu, AdminFormMenu, LoginMenu, AdminSysMenu. The other classes which I have created and developed are FileInputOutput, ViewRecords, Guest, GuestForm, Person, StaffMember.

Siddarath Kumar 19075068: As part of this team, I oversaw creating the hotel guests booking menu GUI's. This involved showing the all the guest booking menu GUI's, handling the users stored data and handling the interaction including all the error handling for the user when they choose the hotel dates, location, rooms, guest types, features so they cannot input any invalid data. In addition to that I was responsible for showing the booking cart menu GUI of all the user bookings along with the total cost to pay and I was also in charge of managing the hotel database tables such as creating and updating specific tables linked to the hotel menu and the users booking.

Model classes I developed were the BookedHotelDates, BookedHotelLocations, BookedHotelRooms, BookedGuestTypes and BookedHotelFeatures files. View classes I developed were the HotelDatesMenu, HotelLocationMenu, HotelRoomsMenu, HotelGuestTypesMenu HotelFeaturesMenu and the HotelBookingCartMenu files. Controller classes I developed were the BookDatesInteraction, LocationMenuInteraction, RoomMenuInteraction, GuestTypesInteraction, FeaturesMenuInteraction and BookingCartInteraction files. The other classes I developed and modified again to fit the GUI were the CalculateCosts, GuestsBookingCart, Products, LocationMenu, RoomMenu, GuestTypesMenu and FeaturesMenu files.

Contribution as a group: As a group we all worked on contributing methods for each other's classes and did general troubleshooting and helping each other out when we were stuck, such as for the derby implementation.