2020/21 Semester 2
Bachelor's degree – Year 3

Module Code	Module Leader	Module Title
CPT208	**Lingyun Yu**	**Human-Centric Computing**

Section A: Your Details
To be completed by the student (in English using BLOCK CAPITALS)

Student's Name	**Yihan Zhang**
Student ID	**1823149**

Section B: Assignment Details
To be completed by the student (in English using BLOCK CAPITALS)

Coursework Assignment Number	**COURSEWORK 3**
Coursework (assignment) Title	**GUI INTERFACE**
Method of Working	**INDIVIDUAL**
Date and time of submission	**2021.5.26**

Assignment details can be found in the assignment description.

Section C: Statement of Academic Honesty
To be completed by the student

By submitting this coursework for assessment, you are confirming that you have read and understood the University's policy on plagiarism and collusion and that the submitted work is your own.

(i) I confirm that I have read a copy of the current University's definitions of collusion and plagiarism on coursework and academic honesty, and that I fully understand the meaning of these terms.

(ii) I confirm that the submitted coursework has been created solely by me and that I have not been assisted, nor have copied part or all of somebody else's work, either with their explicit approval or without their knowledge or consent.

(iii) I confirm that this is my own work and that use of material from other sources, including the Internet, has been properly and fully acknowledged and referenced.

(iv) I confirm that the information I have given is correct to the best of my knowledge.

Student's signature	Yihan Zhang	Date	2021.5.26

If this form is submitted electronically, please type your name in English (BLOCK CAPTIALS)

Report

This interface is divided into two main parts. On the left, there is a map panel showing the locations, prices of hotels and the current location of the user. On the right, there is an information panel for users' personal information including name, phone number, number of rooms and nights, check in and out date. After submitting, user can view the details or remove his reservation.

The interface seems simple but includes all of the significant functions for hotel reservation. Furthermore, the map is designed briefly, which only shows what exactly users want such as the information about hotels but emits useless figures. Besides, a simple interface makes users don't have to worry about where to find specific functions.

Information part has a consistent structure which groups similar functions such as binding name and phone number together. Such a reasonable structure adapts to user's mental model and will not surprise users.

Some functions reduce the workloads for memorizing. Dates can be selected directly depends on the today's date so that users don't have to think what is today's date. Meanwhile, after selecting the check-in date and the number of nights, check-out date can be generated automatically so that users don't have to calculate it and it also prevents inconsistent issues.

Feedbacks are provided so that users will know whether they are doing things right. For instance: Red warning stars will be showed if users don't fill in that information, which also follows the principle that dealing with errors positively. After clicking submit button, a message window will notify that the user has reserved successfully.

Finally, it provides exit and undo functions, users can remove the reservation if they find there are some mistakes and they can exit the application easily by clicking the exit button.