CSE 4074 Computer Networks

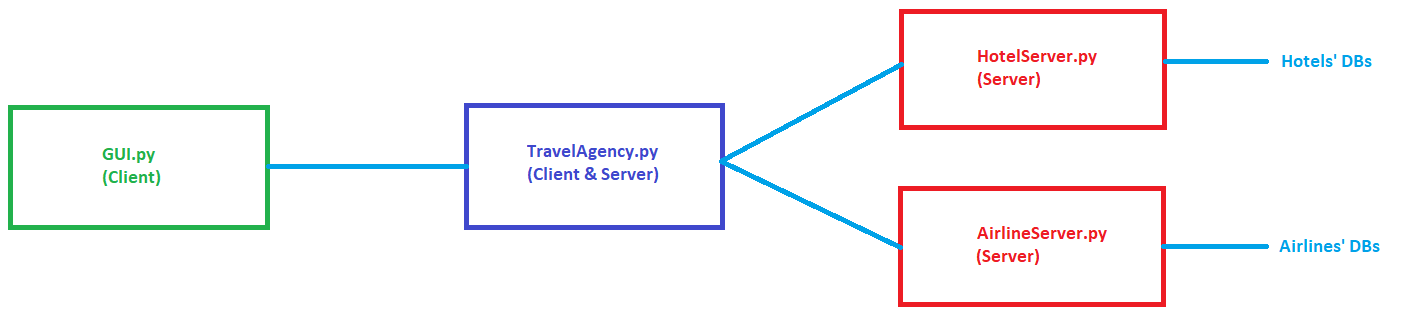
Socket Programming Assignment Report

Burak ŞENKUŞ – 150115027

Harun BÜYÜKTEPE – 150115020

In this assignment, we have implemented a trip reservation system. Customer opens program’s GUI, types arrival and departure dates and number of travelers, selects preferred hotel and airline and finally clicks to reserve button. If preferred hotel and airline are available for given inputs, reservation completed successfully and corresponding databases are updated. Any of preferred hotel and airline is not available for given inputs, alternative hotels or airlines are listed to the customer and prompted to select one of them. If customer does not select one of them, reservation process terminated.

Program has been coded with Python and GUI has been created with Tkinter library. There are 4 main Python files and JSON files for airlines’ and hotels’ databases.



GUI.py

This file includes graphical user interface and client implementation.