SYNOPSIS

The topic we have chosen is “Travel Booking Management”. We have chosen this as our topic because these days traveling has been on everyone’s bucket list. In order to make your travel hustle-free, you need proper booking and planning and this program ensures that. We are a team of three students from class XII- S. Madhuvanthi, Nidhi Gummaraju, and T. Padmasree who worked on this project.

As the name of the project suggests its main aim is to provide a proper platform for booking transport and stay while travelling. The objective of this project is to let the students apply the programming knowledge to a real-world situation and exposed the students to how programming skills help in developing good software. Write programs utilizing modern software tools. Apply object-oriented programming principles effectively when developing small to medium-sized projects. Students will demonstrate a breadth of knowledge in computer science, as exemplified in the areas of systems, theory, and software development, and will demonstrate the ability to conduct research or applied Computer Science projects, requiring writing and presentation skills that exemplify scholarly style in computer science.

 The hardware and software requirements for this program are Operating System: Windows 8.0 or above, Language: Python 3.8.1 and above, Computer Processor: Intel (R) Core (TM) i5-3230M 2.6GHz and above, RAM: 4.0 GB and above, and Hard Disk: 250 GB and above.

The work was divided among us as follows:

S.Madhuvanthi: Coding part for car booking system (part-I) and Hotel booking system(part-II), Synopsis.

Nidhi Gummaraju: Coding part for car booking system(part-II) and Hotel booking system(part-II), Synopsis.

T. Padmasree: Coding part for hotel booking system (Part-I) and Hotel booking system(part-II), Synopsis.

The limitations of our program in our project are: The program could have been made more interactive, the transportation is only limited to car, the pick-up location is by default Chennai whereas drop location is anywhere in the car booking system.

The technology used for testing our program is Python IDLE by correcting our errors by using the interactive mode.

The project would make a contribution by proving a user-friendly platform for organizing, tracking, and devising a comprehensive travel strategy by booking your tickets for your favorite destinations. As a discipline, it is intended to help businesses and their users to optimize the way they deal with their travel needs.

Today one cannot afford to rely on the human beings who really wants to stand against today’s merciless competition where not too wise saying “to err is human” is no longer valid, it’s outdated to rationalize your mistake. So, to keep pace with time, to bring about the best result without malfunctioning and greater efficiency so to replace the unending heaps of flies with a much-sophisticated hard disk of the computer. One has to use the data management software. The software has been an ascent in atomization of various organizations. Many software products working are now in markets, which have helped in making the organizations work easier and efficiently. Data management initially had to maintain a lot of ledgers and a lot of paperwork has to be done but now software product on this organization has made their work faster and easier. Now only this software has to be loaded on the computer and work can be done, this prevents a lot of time and money. The work becomes fully automated and any information regarding the organization can be obtained by clicking the button. Moreover, now it’s an age of computers of and automating such an organization gives the better look.

Thus, we would like to conclude by saying that this project helped us strengthen our basics in python and explore the world outside of our books. During the coding stages, we learned how to overcome any programming obstacles and we learned to coordinate and communicate efficiently as a team to make this program.

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