VACATION PLANNER

Description

The project mainly focuses on dealing with the problems faced by the user while planning a vacation. Some of the main problems faced during planning a vacation are visiting too many websites and portals for bookings, wasting time figuring out core aspects of a good vacation such as: Modes of transportation (flights, trains etc.), cheap prices and less total expenditure and finally, the place to stay (resorts, hotels etc.)

Our project aims to emulate a user-installable Windows application where the user installs the application and signs up or logs into it depending on whether he/she has an account. After logging in, the user can plan where to go, how to reach there, along with where to stay after reaching there. Everything at one place. The aim is to reduce the time and hassle it takes to plan a vacation which is supposed to be a break from the hassle itself. The userbase of our project will cover almost everyone who knows how to use a computer, that is, almost 100% of the demographic.

Functionalities

1. Sign up and Login functions for new and existing users respectively.
2. Ability to select the destinations and place of travel and get option based on it.
3. Ability to select mode of transportation depending upon the available options.
4. Application will display a sub-total for the transportation costs.
5. After the transportation form, user will be asked if they want to book a place to stay as well. If accepted, it will take them to the next form for booking hotels and if rejected, they will be taken to a summary form where the grand total will be displayed (including convenience fees) and payment options.
6. The hotel booking form will display hotels/resort based on the destination selected.
7. The Hotel Booking form will include inputs like the dates, cost range, number of people and will include outputs like ratings of the place using stars and cost per day.
8. If a place is booked, the grand total will include the hotel payment as well.
9. After the payment button is clicked the user will be greeted with a success message box and a form with all the details summarized including a exit button.
10. Payment form will have lowest priority in terms of development and will be very basic if added as it doesn't add much value to the core idea of the project.

Software Used

Backend will be handled by RDBMS model and will be implemented in mySQL language. The frontend will be handled by C# UI frameworks. The project application will include a "References" page which will have a detailed summary of the software used and resources referred. The application will not require any other additional software to run and will run on any computer with Windows 7 and above installed.

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