Project Description

TripForge is a trip planner website where one can book best suitable trip for himself/herself.

1. FrontEnd Design:

The start page will consists of various preferred trips, login and signup options and reviews. If a user wants to book a trip for himself/herself and he doesn’t have any account then firstly he/she/they will have to create their account and if the user is already have the account then he will have to simply login and then he can book a trip.

After login or Signup the user will be directed to the Hero Page where the user will be able to book trips for himself/herself/themselves. The Hero page will consists of various dropdowns, todos, preferences. They will be able to see hotels, places to visit under their budget. They can also select the category of their trips like either A person is searching for a trip for himself/herself only or with the organization or with family based on that the various sites and places to visit will be shown. There will also be a book a flight option, where the users will be able to book a flight for themselves. Apart from that they will also be able to set the todos for their trip, like for example on this day they would like to travel here or any other remainder. On that particular day he/she will get a mail for the remainder they have set.

When the user have successfully booked a trip or flight then he will be taken to the payments page and then he will get a mail about the choosen trip.

Backend Design:

If a user is not logged in then he will directed to a login page where there will a form where the user will fill up his personal details. The personal details will be stored in the database so that next time whenever he signup his information and previous trips remains stored.

Database Schema

Collections/Tables:

Users: username, password, email.

Trips: tripType, budget, selectedCategory, selectedDestination.

Flights: flightBookingOption, departureDate, returnDate.

Reviews: userReviews.

Proper user Authentication will be done using JWT token.