

Explore Website

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Abstract

Think about the times you have thought of visiting a place and try to plan your travel and schedule it. It was always a hard task to do it by yourself, so most of us usually try to depend on travel groups or organizations. Explore is a website aimed at the travelers out there, the basic aim of the project is to bring out underrated places and spots around and nearby the place you are in or deciding to visit. Explore is also a social media for travelers where they can upload pictures of places they visited with the location

Keywords: *Travel, Web application, Nearby location tracker*

1.Introduction

This study aims at promoting traveling and tourism around our places and also to bring comfort for a person or a group of people to plan traveling traveler deciding to travel to a place can search for the place he or she wants to visit on the site, which will show you places nearby and the pictures people have shared, which will help the user plan their travel. Events such as parties, concerts, and more can be advertised through this site which would be helpful for the people who are traveling and the people who are conducting the event because concerts and events are one of the main reasons for a traveler to choose a place as a destination for him/her. Many more features such as travel kit shops for the travelers, advertising for nearby shops, travel group formation, and special features for the women solo travelers out there can also be introduced later to the website. Later an application is also planned after the website with a more mobile-friendly features

2. Literature Review

System	Systems' Goal	Methods used	Year
iTour	a Java-based IoT framework that aims to involve citizens in the tourism development process		2018
MuseFy	a mobile application which adapts its' UI and provides personalized assistance to users		2017
CURUMIM	a tourism recommender system that uses data available on the Facebook social network, in order to offer personalized recommendation to its' users and positively surprise them	Content Based (CB) and Collaborative Filtering (CF) techniques to discard from the whole set of possible places to recommend	2017
	a mobile app that utilizes Sensors placed in entrances of Points of Interest so as to help tourists that have limited amount of time to visit the city	The <u>optimisation</u> problem for recommending the optimal route to tourists is dealt as a typical Travelling Salesman Problem (TSP)	2017
TreSight	a context-aware recommendation system named that integrates IoT and big data analytics for Smart Tourism and sustainable cultural heritage in the city of Trento, Italy		2016
Find Tourist Profile	detects users' preferences implicitly, based on the geolocation of social media photos	Deep Learning and Fuzzy Logic techniques	2017
UTravel	a mobile app that utilizes user profiling in combination with context based data in order to guide individuals to POIs based on their current location as well as their previous evaluations via the collaborative filtering principles	UTA algorithm [62]/K-Means clustering algorithm	2017
ARTS	smartphone based AR Tourism System that deploys 3D scans in order to achieve interaction between urban fabric, cultural heritage tourism and pedagogy.		2019
Novel Pre-Tourist Experience module	used in the Find Trip Platform so as to implicitly gain tourists' preferences via social media photos and recommend attractions	For tourist classification: Convolutional Neural Network and Fuzzy logic/For Tourism recommendation: collaborative filtering approach	2018
Madrid Live	system that takes into account user's preferences in conjunction with some other factors such as location and weather to suggest tourism and leisure activities in Madrid	The recommender process is based on a Case-Based Reasoning (CBR) algorithm [63]	2017
	a Smart Tourism Recommendation System that predicts tourist' real-time context and offers individualized services	The proposed algorithm is described in the paper	2018
Space-Based Tourist Recommendation System	a system that makes recommendations based on users with similar interests	context generalization method, collaborative filtering	2014
	a Smart POI recommendation algorithm that considers tourist preferences as well as location when recommending new places to visit	collaborative filtering	2017

IN THE PAST YEARS TRAVELLING HAS BECOME A GETAWAY FOR MOST OF THE PEOPLE FROM THEIR TIDIOUS EIGHT PLUS HOURS SHIFTS GROUP TRIPS AND SOLO TRAVEL IS BEEN SOMETHING PEOPLE CHOOSE TO DO WHEN THEY GET A DAY OR TWO OF AT PRESENT THERE ARE A LOT OF WEBSITES AVAILABLE WHICH SHOW PLACES TO VISIT, TO BOOK HOTELS, BOOK FLIGHTS ALTOGETHER BUT A SITE WHICH SPECIFIES ONLY FOR THE TRAVELLERS DOES NOT EXIST AS WE SEARCH , THAT IS WHAT THIS WEBSITE PROVIDES WHAT THIS

SITE PROVIDES UNLIKE OTHER SITES IS THAT IT ACTS LIKE A SOCIAL MEDIA BUT JUST FOR THE TRAVELLERS SO WHAT IS POSSIBLE ON THIS SITE THE USERS WHO SIGN UP ON THIS SITE CAN START PUTTING UP PLACES THEY VISIT AND ADD THEN LOCATION ANOTHER TRAVELLER PLANNING FOR A TRIP CAN SEARCH THE LOCATION HE WANTS TO VISIT OR IS AT, THE WEBSITE WILL SHORTLIST AND GIVE THE UNDERRATED AND NEARBY PLACES WITH THE DISTANCE.

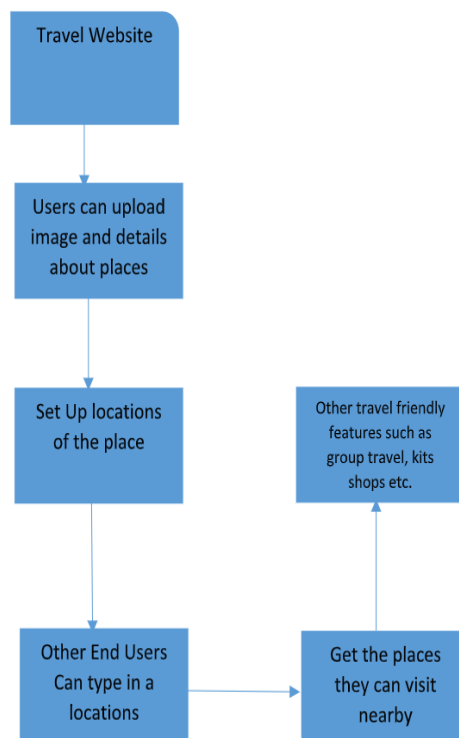
3. Material and Tools

3.1 Software development

The explore travel website using HTML CSS. This project uses a framework as react JS. The project is built on the concept of traveling and tourism making made easier using computer technology.

3.2 Trial rounds

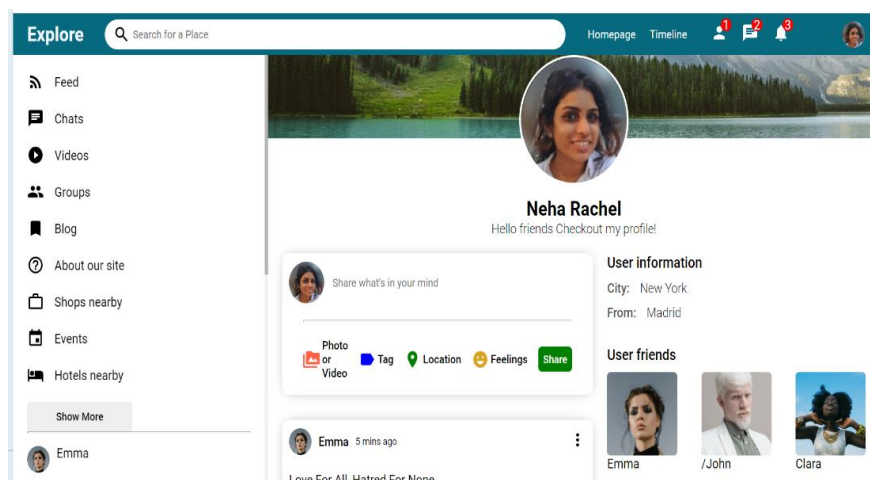
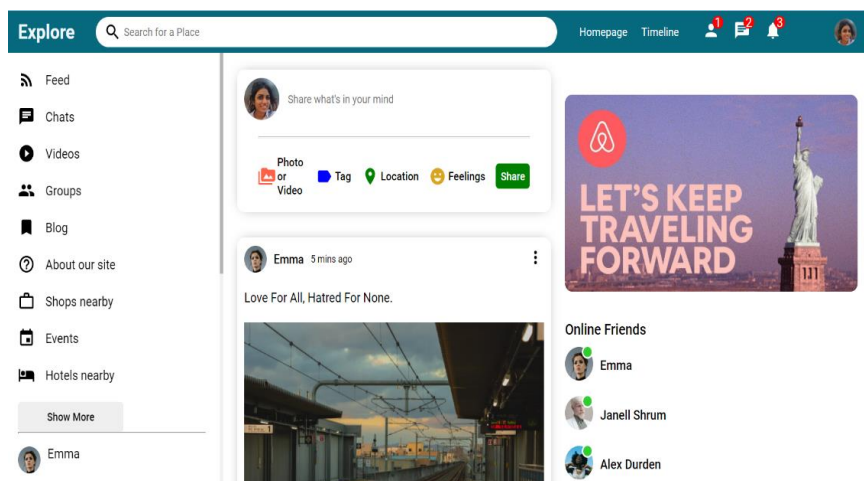
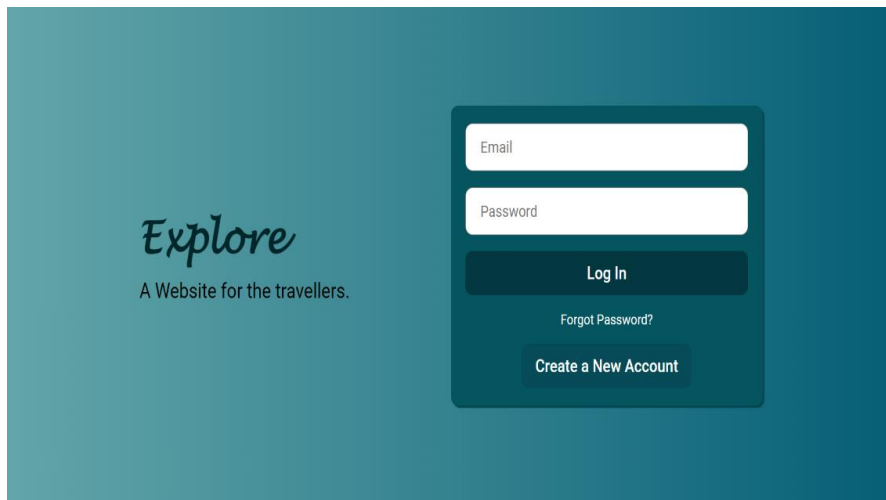
After the completion of prototype development, it will undergo software testing to ensure that there are no bugs. It is necessary to conduct trial runs to ensure the smooth working of the website and to receive user feedback.



Flow Chart

Results and Discussion

We aim at ensuring comfort for the travelers out there, It is going to help the solo travelers out there.



4. Conclusion

Explore is a website aimed at the travelers out there, the basic aim of the project is to bring out. Underrated places and spots around and nearby the place you are in or deciding to visit.

Explore is also a social media for travelers where they can upload pictures of places they visited with the locations. In This Project Work, I designed the front end and UI/UX of the web application. This website will be a very friendly online guide for our upcoming traveler's, This website would be an all in one website for anyone who is planning to travel as there are a lot of modules all included in a pack from places to visit, joining travel groups, and many more. This application would be good support for the solo traveler's out there.

5. Future Scope

Later to the website. Later an application is also planned after the website with a more mobile-friendlier feature. Safety features can be added for the women traveler's proper backend to this project can be given using Node JS MongoDB as a database.

6. References

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