

ABSTRACT

The project is to enhance tourism and travel throughout Tamil Nadu. The theme is to develop a business based application that helps to guide the tourist's and popularity in underrated tourist places in Tamil Nadu.

In the main activity that shows every district with the count of tourist places is showed by the server. All the information like physical guide or photos, videos, history, accommodations, transportation of the spotted places will be given to the user. Every marked tourist places have their own allotted virtual points. If the user visits the given tourist spot by using this application, users will get those virtual points in their account. After the user reaches the Tourist spot, residency and hotels are popped up around the user. Partnerships are made with the hotels, shops, residency, parking, travels around the marked spot in this application. So the user can able to redeem their points into coupons and offers on the shops and restaurants dealers who made deal with this application owners. The user can able to give reviews and ratings on the visited spot after visiting the spot. Those ratings and reviews are used to attract the other upcoming users. Transportation facilities will be given to assist the users to reach the place easier.

Android Studio is used to develop this application. The Main interface of this application is Geographical Map. So GPS and internet connection are required to use this application. Because Map API is embedded in the application. A Separate Team will allotted to make field research and study on it. The number of the pinned spots will be increased according to the range of users wants to be covered. Email and Notifications will be sent to the users to know about the current and targeted Tourist spots.

"Firebase Database" is used to store the every user data like photos, videos, virtual coins, ratings, reviews etc. The Python Flask program is used to build a server API to collect user data from the application and store it in the database.