

Topic Definition - Final Project

Project Name: TourTrack

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Purpose of the Project:

The Kfar Tavor Local Council expressed the need for an application that would serve as a social network for travelers.

In response, we decided to develop a general app that could not only serve Kfar Tavor but also other locations across the country interested in enhancing their local tourism. The app's goal is to improve the travel experience by enabling real-time information sharing with other users in the same area.

Travelers can provide updates on trail conditions, such as weather, crowd density, or blocked paths, and connect with other travelers in the area to share experiences and offer assistance.

Additionally, the app provides a platform for linking groups of travelers, allowing them to coordinate and explore together, creating a more social and enjoyable experience.

Beyond that, it connects travelers to local overnight stays, restaurants, and attractions, enriching their overall journey and promoting local and national tourism development.

Project Innovation:

In Kfar Tavor, there are many trails and routes that are not well-known or sufficiently toured, which is why the local council is promoting the "Shvil HaTavor" project.

The app we are developing will provide this service and help expose the area to a wider audience.

While there are apps like Google Maps for navigation and Booking for lodging reservations, there is no single app that combines all the features we offer, such as trail sharing, real-time updates, connecting travelers, and information about local attractions.

This integration makes our app innovative and unique in the field of tourism.

Project Data:

The project data will be based on information received from clients, such as the Kfar Tavor Local Council, which will define the trail boundaries.

Additionally, real-time updates will be received from app users who are hiking in the area, along with a weather forecast API that will provide real-time weather updates.

Project Structure:

The project will be developed as an application.

• Step 1 – Registration:

The user will register for the app and define whether they want to be a visible user, allowing others to see in real-time where they are hiking, or alternatively, choose to be a private user.

• Step 2 – Selecting a Route:

The user will browse through existing routes, receive real-time updates on trail reports and conditions, and finally choose the route that suits them best.

• Step 3 – Real-Time Updates:

When the user is on the trail, they will be able to report trail conditions in real-time and share the information with other users.

Additionally, they will be able to chat with other hikers nearby.

• Step 4 – Continuing the Hike:

The user will choose whether to continue their hike, head to a nearby restaurant, or even find a nearby place to stay.