

Project Initialization and Planning Phase

Project Name:	TripTrek: Intelligent Travel Planning using Palm's Chat-Bison-001 Model
Team ID:	SWTID1720506503
Team Members:	Gurram Sai Nikhileswar Sai Puneeth Balaji N. Vishnu Teja Manya Dsouza

Project Proposal (Proposed Solution) report

The project aims to provide a solution to free users with the burden of planning ahead in travelling and instead focus on the actual fun part: travel. So, we aim to create a robust and user-friendly travel planner app, Trip Trek, which leverages the PALM's chat-bison-001 model produced by Google to address the challenges to producing an efficient itinerary for the holiday by providing users with carefully curated response by providing an itinerary that actually captures the difficulties of travelling to a place without any clear goal.

Project Overview:

Objective: -

The primary objective is to help users in their holiday planning by carefully creating an itinerary that helps the users to reduce the burden of planning most of the trip in terms of travel and food therefore it gives a clear and concise idea of where to go and how the time should be spent in order to efficiently utilize their holiday.

Scope: -

Create an itinerary that includes the points of interest that are to be visited and also it includes the locations of nearby food places that can be visited while providing a premium travel experience and also providing tasty food along the way. It also has a feature such that if we provide the purpose of travel which closely corresponds to Family, Educational or Business purposes. In this way, it can provide efficient itineraries as an average casual travel experience would be different from business travels and as well as educational trips. The app can be scaled upwards by adding different features such as providing the places that are to be visited by the user themselves so that they can decide by themselves the places that they wanted to visit and also provide constraints on food places by placing filters like nearby locations or filter through average customer reviews on the internet.

Problem Statement:

Many individuals face problems for creating an itinerary for planning ahead for their travels due to many reasons such as no proper expertise in time management or many other personal reasons. Due to this, the travel itself becomes hectic and may not as much fun as just plain travel.

Proposed Solution:

To create a robust and user-friendly travel planning supercharged with AI capabilities to overcome the challenge of bad planning and lack of knowledge of the destination which often results in a chaotic travel experience. Which leads us to Trip Trek, an intelligent travel planning tool which leverages the intelligence of PALM Model which helps users to plan ahead with the help of AI and make travel little less hectic and little more fun.