**Weekly Report 6**

Date:

Abstract

The Travel Destination Recommendation System is a user-centric platform designed to enhance the travel planning experience.  
By integrating multiple datasets—such as user profiles, travel history, reviews, and destination metadata—the system offers   
three modes of recommendation: User-Based, Content-Based, and Popularity-Based.  
  
User-Based recommendations rely on collaborative filtering, identifying similar users based on their destination ratings.  
Content-Based filtering compares destination features like type, location, and optimal visiting time to suggest similar locations.  
Popularity-Based recommendations highlight destinations with the highest user engagement.  
  
The system is developed using Python with Streamlit for the interactive interface. Data preprocessing and analysis are performed   
using pandas and visualization libraries such as matplotlib and seaborn. The recommendation algorithms use cosine similarity and   
vectorization techniques.  
  
This abstract provides an overview of the project’s aim, functionality, and technology stack in under 200 words.

Submitted By-  
Gauri Uday Gotad (23030421995506)

Sign of Faculty Incharge