



Vardhaman College of Engineering

(AUTONOMOUS)

Affiliated to JNTUH, Approved by AICTE, Accredited by NAAC with A++ Grade, ISO 9001:2015 Certified
Kacharam, Shamshabad, Hyderabad - 501218, Telangana, India

Engineering Projects in Community Service

Product Realization (A)

CSM-
C

Team No.

6

TOGOTU

Abstract:

The paper explores a mobile tour guide application that harnesses cloud computing, machine learning, and Augmented Reality (AR) to elevate tourism experiences. This cutting-edge app seamlessly directs users to their destinations via optimal routes while recommending noteworthy attractions enroute. Furthermore, travelers can indulge in narrated descriptions of landmarks as they follow suggested paths. Among the two AR features available, one facilitates directional navigation toward attractions, which is particularly beneficial from elevated viewpoints. It furnishes users with insights into multiple attractions simultaneously, accompanied by pertinent details. Additionally, the AR's 3D object modeling feature enriches the Point of Interest (POI) experience, offering immersive encounters with landmarks.

Team Members:

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Product Realization (A)

Product Details

Need Statement:

- A TourGuide app will connect travelers with local guides for personalized assistance and authentic experiences. It will help local communities by creating job opportunities and promoting sustainable tourism, providing tourists with insights into local culture, events, and food.

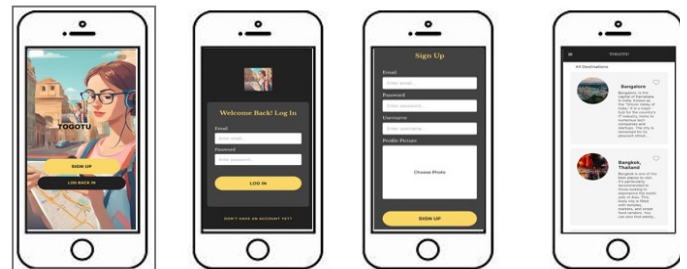
Community Partner Feedback and a Pic with Community Partner:

The community partner said that the application is very helpful & easy to use with nice information about local stalls & events with live updates, but adding a GPS location will make the app more assistance for tourists

Cost Analysis:

component	Price
Domain	\$60/year
Database	\$150/year
Total	\$210

Picture of Product:



Faculty Mentor:

Dr.C.Padmini