GhumPhir: Connecting Guides with Tourists

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Introduction

GhumPhir is a platform that connects local guides with tourists seeking authentic and personalized travel experiences. It empowers local guides to showcase their expertise and thrive as micro-entrepreneurs, while giving tourists a unique perspective of destinations through local eyes. GhumPhir promotes sustainable tourism by supporting economic growth and cultural preservation.

Aim & Objectives

Aims
- To empower local guides by providing a platform where they can showcase their expertise and connect directly with tourists.
- To offer tourists authentic and personalized travel experiences by connecting them with knowledgeable local guides.
- To develop a user-friendly platform that allows tourists to browse, book, and customize their trips efficiently.
- To bridge the gap between travelers and local communities, fostering long-term benefits for both parties.

Objectives
- Develop a registration system: Create a system that allows both users (i.e. guides and tourists) to register .
- Develop admin registration system: Create an admin system allowing them to manage platform settings, approve guides and overall functionality. • Develop user friendly interface: Develop a UI where users can provide descriptions, photos and pricing.

Academic Questions

- How does GhumPhir enable tourists to engage in sustainable and meaningful travel experiences?
- How can GhumPhir contribute to the tourism sector by providing employment opportunities for local guides?
- What kind of content and features can be displayed on GhumPhir to help local guides improve their service quality and marketing skills?
- How can a rating and review system within GhumPhir promote accountability and continuous improvement among local guides?
- What steps can GhumPhir take to ensure transparency, trust, and satisfaction for both guides and tourists?

Literature Review

Paper Title	Findings	Conclusion
A Critical Evaluation of Mobile Guided Tour Apps	• Usability and accessibility are major motivators for both tour guides and tourists. • Data privacy and digital literacy are significant inhibitors for adoption. • Applications must balance functionality for both user types.	• Tour apps must be user-centered for broader adoption. • Dual perspective (guide + tourist) improves design. • Addresses technology acceptance in tourism sector effectively.
Digital Transformation in Tourism	• Digital tools (e.g., online booking, IoT) enhance convenience and experience. • Global and local trends highlight rapid tech adoption in tourism. • Challenges include integration and regulation of tech in traditional systems.	• Tech is reshaping tourism industry deeply. • Improves access, creativity, and travel ease. • Continuous innovation is vital to address existing challenges.
ToursByLocals: Connecting Tourists with Authentic, Local Guides	• Enables cultural exchange and personalized travel via local guides. • Maintains high quality through global standardization. • Struggles with user expectation management and experience consistency.	• Blends tech with human-centered experiences. • Promotes authenticity and fairness in tourism. • Example of how digital platforms can support local economies.
The Role of Tour Guides in Developing Tourism Sector	• Tour guides' knowledge, flexibility, and communication drive tourism growth. • Professionalism and skill enhance tourist satisfaction and destination reputation. • Guides play a central role in enriching travel experiences.	• Guides are key to tourism development and success. • Empowering guides uplifts quality and sustainability. • Investment in guide skills benefits tourists and communities alike.

Artefact

FDD Diagram of the System

Project Process

- Research
- Sprint Backlog
- UML Diagrams
- Meetings & Feedbacks
- Wireframes UI/UX designs
- Making Changes
- Development
- Git Push
- Testing
- Bug Report
- Bug Fixing
- Repeating Process

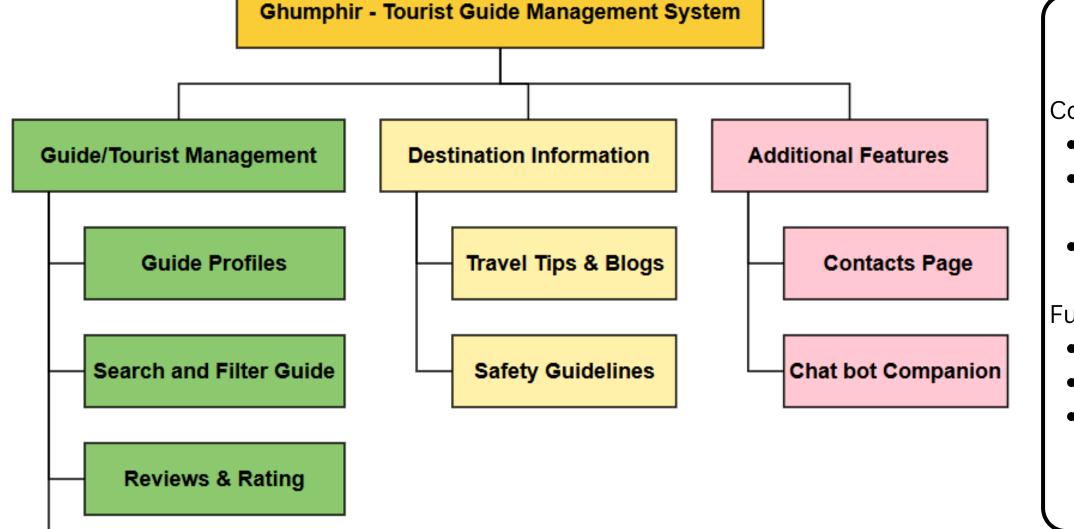## Test Process

- White Box Testing

Evaluation/Reflection

- Learnt to work under pressure
- Learnt to work with time management
- Making the habit for continuous research
- Able to work following planned schedules for timely completion of project
- Implemented the ideas, knowledge and skills learnt throughout the bachelors so far

Conclusion/Future Scope

Conclusion
- Good Platform for tourists to connect with guides
- Helps people to decide destination and complete travelling plans
- Chatbot Companion provides helpful tips

Future Scopes
- Email Notification
- Map Integration
- Implement favourite features