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| Project Charter |
| **Project Name:** Nomade.  **Project Sponsor:** Dr.Ibrahim Al-Awadhi    **Project Manager:** Eng. Tasneem Ahmed  **Date:** October 17, 2025 |
| **Project Purpose and Justification:** The goal of this project is to assist both tourists and tour guides while streamlining the tourism process. This app provides tourists with a unique and personalized travel experience based on their preferences by showcasing historical sites and attractions alongside authentic user reviews. It also empowers tour guides by connecting them with valuable job opportunities. |
| **Project Description:** This project provides travellers with a comprehensive guide to tourist destinations and enables them to share reviews and experiences. It connects tour guides with job opportunities by allowing them to showcase their services. Additionally, users can create posts about tourism-related topics. |
| **Project Objectives:**   * Develop and launch the tourism application by June 30, 2026, including features for both tourists and tour guides. * Simplify the tourism process by providing an all-in-one digital platform that connects tourists, guides, and service providers. * Enable tourists to choose destinations based on interests and verified reviews to ensure personalized, satisfying travel experiences. * Support job creation by helping at least 200 tour guides and local business owners promote their services through the app. * Provide an easy and useful communication space between tourists and guides for better coordination and comfort. * Integrate multiple transportation options (InDriver, Uber, Careem, etc.) to give tourists flexible and convenient travel choices. * Ensure 95% accuracy in displaying site details, directions, and visiting times. * Achieve 80% active user adoption within the first three months after launch. * Maintain a user satisfaction rate of 90% or higher based on in-app ratings and feedback. |
| **Deliverables:**   * Fully functional mobile tourism application that connects tourists and tour guides. * User-friendly mobile interface (UI/UX) for tourists to explore attractions, read reviews, and book tours. * Tour guide dashboard to create profiles, offer services, and manage bookings. * Integrated transportation feature that connects with services. * Review and rating system allowing tourists to share feedback on destinations and guides. * Real-time location and site information module with visiting hours and directions. * Admin panel to manage users, guides, and site data. * User manual and tutorial videos for tourists and guides explaining how to use the app. * Testing and feedback report summarizing performance and user experience before launch |
| **Milestones & Timeline:**   * Requirements gathering: Oct 2025 * Design prototype: Nov 2025 * Development: Dec 2025 – Mar 2026 * Testing: Mar 2026 * Deployment & training: Apr 2026 |
| **Technical Requirements:**   * Platform: Web-based application compatible with modern browsers (Chrome, Firefox, Edge, Safari). * Operating System: Should operate on Windows 10/11, macOS, and Linux environments where browsers run. * Hardware: Compatible with university PCs, servers requiring minimum 8GB RAM, dual-core processor, and 100GB storage for database and logs. * Database: Use a scalable relational database system like MySQL or PostgreSQL for storing attendance, user profiles, and logs. * Performance: Support concurrent access by at least 1000 users with page load times under 5 seconds under normal load. * Security: Role-based access control; data encrypted in transit (TLS) and at rest; comply with data privacy regulations for student information. * Integration: API interfaces to connect with the university’s existing Learning Management System (LMS) and Student Information System (SIS). * User Interface: Responsive design, accessible via desktop and tablets; user-friendly for faculty and students with basic computer literacy. * Automation: Real-time attendance capture, automated daily and monthly report generation, and alert notifications for absences via email/SMS. * Backup and Recovery: Regular automated backup of critical data with restoration capability to minimize downtime. * Logging and Auditing: Maintain logs of user actions and attendance changes for security audits and compliance. |
| **Limits and Exclusions:**   * The Project will support limited geographical coverage in the beginning. * It will need internet for surfing. * It will support English and Arabic in beginning. * No direct travel booking. |
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