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| **Project Name:** Nomade  **Project Sponsor:** Dr. Ibrahim Al-Awadhi  **Project Manager:** Eng. Tasneem Ahmed  **Date:** October 17, 2025 |
| **Project Purpose and Justification:** There is limited comprehensive digital platform that connects tourists, tour guides, and service providers. This project provides tourists with a comprehensive guide to destinations while connecting them with local tour guides and service providers through a unified platform.  Local tour guides and small business owners lack accessible and effective channels to market their services directly to travelers. This project supports job creation by helping local businesses promote their services effectively. |
| **Project Objectives:**   * Develop and deploy the system by April 15, 2026 * Achieve 100% adoption by all faculty in the Computer Science department * Reduce manual attendance-processing time by 80% within the first semester * Generate comprehensive weekly, monthly, and term attendance reports automatically |
| **Scope Description:**   * In Scope:  1. Development of a responsive web application accessible via desktop browsers 2. Faculty and admin login, student attendance marking, and reporting features 3. Integration with the university’s LMS and SIS 4. Automated report generation and notification system 5. User training sessions and documentation  * Out of Scope:  1. Mobile app or SMS marketing features (subject to future approval) 2. Hardware procurement or upgrades 3. Integration with non-university systems or platforms 4. Advanced analytics and data visualization beyond standard reports |
| **Deliverables:**   * Fully functional web application * User manual and training sessions for faculty * Attendance report generation module |
| **Constraints:**   * Must be delivered by 30 June 2026. * Budget limited to EGP 600,000 * The application requires an active internet connection for all features. * Concurrent access must support up to 1,000 users |
| **Assumptions:**   * tourists, guides, and service providers have smartphones with internet access * Users have basic digital literacy to download and use mobile applications. * Cloud hosting services will remain stable and available throughout development. * GPS and mapping services will be accessible and affordable * Local businesses remain operational throughout the project period. * Tour guides have proper licenses and certifications required by law. * Business owners have legal permits to operate. * Data protection and privacy laws remain consistent. * Service providers will participate in training sessions on using the app. * Technical support team will be available to handle user issues. |
| **Exclusions:**   * Purchasing or upgrading any hardware equipment related to the project. * Creating analytical reports or detailed data visualizations. * Feature enhancements after delivery require separate funding and approval. |
| **Acceptance Criteria:**   * The application must include all core features. * Destination information (location, details, visiting time) must have at least 95% accuracy. * All security protocols (role-based access, encryption) successfully implemented * The mobile app must be successfully deployed on Google Play Store and Apple App Store. |
| **Stakeholders:**   * Sponsor: Dr. Ibrahim Al-Awadhi * Project Manager: Eng. Tasneem Ahmed * Tourists, travelers, guides, and businesses owners (end users) * Frontend and Backend Developers * Database Administrator * Security Specialist * Technical Support Manager * Customer Support Team |
| **Approval:**   * Project Sponsor: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_ * Project Manager: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_ |
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