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| **Capstone Project Proposal**  **As**  **ian Development Fo**  **undati**  **on College**      **Bachelor of Science in Information Technology** | |
| **Title of the System**    Legislative Tracking System of Local Government Ordinances for Tacloban City | **Date Submitted**  Feb. 26, 2025 |
| **Name of Proponents** |  |
| **Brief Description of the System**    Legislative tracking is a critical role in modern local government, ensuring ordinances and resolutions are accurately documented, tracked, and enforced. Tacloban City, as most local government units, is challenged by manual means, decentralized records, and tracking amendment and enforcement difficulties. The Legislative Tracking System is created to offer an effective, electronic solution for storing, managing, and monitoring ordinances and resolutions, ensuring transparency, accessibility, and accountability in local legislation. | |
| **Objectives of the System**    The Legislative Tracking System of Local Government Ordinances for Tacloban City aims to establish a centralized digital database for all ordinances and resolutions, ensuring efficient storage, organization, and accessibility of legislative records. The system will incorporate a searchable tracking feature, allowing users to quickly retrieve ordinances based on keywords, date, category, or status. Additionally, it will include a workflow mechanism to monitor the progress of ordinances from proposal to approval and implementation. To enhance efficiency, an automated notificationwill be integrated to inform stakeholders about ordinance updates and status changes. Also, it will provide report generation tools to assess ordinance effectiveness and compliance. Lastly, to promote transparency and public engagement, authorized users will have online access to ordinance records, fostering accountability and accessibility in local governance. | |
| **Major Functionalities**     |  |  | | --- | --- | | **Functionalities** | **Description** | | Ordinance and Resolution Management | Stores and organizes all ordinances, resolutions, and amendments in a centralized database. | | Search and Retrieval | Allows users to search for ordinances based on keywords, categories, authors, or dates. | | Ordinance Tracking Workflow | Monitors the progress of an ordinance from proposal to enactment and implementation. | | Digital Document Management | Allows users to upload, download, and print official copies of ordinances and resolutions. | | Public Portal for Transparency | Enables citizens to access ordinances and track legislative developments online. | | |

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| **Resources Needed**   |  |  | | --- | --- | | **Resource** | **No. of Resource** | | Computer Unit  **Minimum Requirements:**  Intel Core i3 or equivalent  128 GB HDD  4GB DDR4  Windows 10 (64bit)  **Recommeded Requirements**  Intel Core i5 or higher  512 GB SSD SATA  8GB DDR4  Windows 11 (64-Bit) | 1 | | Printer | 1 | | Internet Connection (Fiber or LTE) | 1 | | Web Server / Hosting Provider (For Online System Deployment / Domain name) | 1 | | Software  **XAMPP** (local database)  **Database** (MySQL)  **PHP** (programming Language)  **Bootstrap v. 5.0** (CSS Front &  Backend framework)  **CodeIgniter** (PHP framework)  **Visual Studio Code** (IDE) | 1 | | Backup Storage (External HDD) | 1 | |  |  | |