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| Proposed Title | BarangayNewsFlash: Barangay E-App |
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| Project Description | Needs/Problem   1. Barangay announcements are delivered through posters, tarpaulins, or Facebook. 2. Many residents miss important updates like relief distribution, ordinances, and health advisories. 3. There is no dedicated mobile application for barangay-level news and updates.   Proposed Solution  Develop a mobile application that provides:   1. BarangayNewsFlash is a mobile application for barangay news and announcements. 2. Barangay officials can post updates in real time. 3. Residents can view announcements and receive push notifications. 4. An archive will store past ordinances and news for transparency.   Differentiation or Novelty   1. Focused specifically on barangay-level services, unlike general government portals. 2. Provides real-time news, announcements, and emergency alerts in one app. 3. Designed to be simple, lightweight, and accessible to all residents.   Benefits and Significance   1. Ensures residents receive timely and accurate barangay news. 2. Improves communication and transparency between barangay officials and the community. 3. Provides fast and reliable access to emergency alerts. 4. Promotes digital transformation at the grassroots level. |
| Objectives | General Objectives  To design and develop a mobile application that centralizes barangay announcements and improves communication between residents and barangay officials.  Specific   1. Assess the current methods of barangay news dissemination. 2. Develop a user-friendly mobile application for barangay announcements and alerts. 3. Integrate a push notification system for urgent updates. 4. Pilot-test the app in a barangay and refine based on feedback. 5. Produce documentation and a user manual for future use and scaling. |
|  | General Methods   1. Conduct surveys and interviews with residents and barangay officials. 2. Develop the mobile application using Flutter or React Native. 3. Design a database for announcements, ordinances, and alerts. 4. Implement a push notification feature for emergencies. 5. Pilot test the application in a barangay and refine based on user feedback. |
| Expected Outputs | Expected Outputs   1. BarangayNewsFlash mobile application (Android). 2. Digital announcements board accessible to residents. 3. Push notification system for urgent and emergency alerts. 4. Archive of barangay ordinances and past news. 5. Pilot test report with resident feedback and recommendations.   Economic and Social Impact   1. Reduces the cost of printed tarpaulins and flyers for announcements. 2. Strengthens transparency and accountability in barangay communication. 3. Improves citizen safety and preparedness during emergencies. 4. Encourages LGUs to adopt innovative digital solutions at the community level. |