Name:CE:
48 2450FCE 13043 - DhahamRut sodha

78 2350FCE11060 - Malani Path

7 2350FCE11048 - Crelani keval

9 2350FCE11050 - Croher hahdik

1T:
32 2350EIT11038 - Vadhen Rut

SRS Village Announcement System Software Requirements Specification Village Announcement System I. Introduction 2.1 Purpose of the Project The purpose of the Village Announcement System is to create a digital platform that replaces traditional village notice bounds With a modern, inclusive, and accessible solution. It wows administrators to post announcements in both text and audio formats, ensuring that all villagers - including those with limited literary or language proficiency-can receive important updates. The project is designed to be lightweight mobiler friendly and usable on lewer devices. 1.2. Scope of the project The system is a PHP-based web application that enables villages authorities to publish categorized announcements. It supports mutilingual content, Voice playback and responsive design for mobile devices. The Scope includes.

. Admin panel for managing annumement · Public - fairy interface for villages . Andio pluback for accessibility . Support for multiple languings optimized performance for low-bandwicth 1.3 Project Overview The Village Announcement System is built with accessibility and Simplicity at its core. It was PHP and Mysal for backend layre. Taiwing and Jonascript for interactivity. The System is designed to be developed in rural settings where digital literary and infrustructure may be limited. It empowers communities by making information universally understandable and available 2.4 Real - World Content In many villages, traditional notice boards are in effective for reaching all residents. Literacy barriers, language diversity, and lack of Centralized communication make it difficult to disseminate important information. This project addresses those

challenges by offering a digitial Solution that speaks to the community - literally. 2.21 By intergrating voice playback and must by left out of the top. 2.5 2 General Description 2.1 Product Functions Admin control (create / edit / delute) · Multilingred text landio amountements - Voice playback Responsive mobile layout · Categorization & filtering Similar Systems SMS alex Systms, municipal bulletin boards Chith less access bility support) 2.3. User Characteristics Varied literary levels Regional language Baric tech usage Low - Duta connectivity

2.4 User Problem Statement is lingual Luck of inclusive communication limits mornation accers in sural areas. yes w 2.5 User Objectives View and hear announcements in preferred language Access via mobile Admins manage content easily 2.6. General Construints Compatible with Smartphones Low - bandwidth optimized Secure & Simple interface Functional Requirements IRT: Admin loyn Create least / delete notices FRZ : Display by cuteyony FRY: Notification alects. push notification, FR3 ards FRS: Search / filter function poort) Responsive mobile U1 FR6: Mutilingual Support Andio playback per notice. FRT: FR8:

4 Interface Requirements 4.1 User Interfaces - Admin darhbourd Public announcement bourd - Language Switches Voice playback buttons. 4.2 Hardware Interfaces · Smoutphone , dertop & tablets (No- Special Hardware) 4.3 Communication Interpres · Internet (HTTP/ HTTPS) 4.4. Software Interfaces · PHP. MySQL · Tailwind CSS Java Script 5 Performance Requirements . Loud unces 35 on 30 · Andio Starts 535 · 100 wes concurrently · Instant admin updale reflection

Non-Functional Attributes 6.1 Secrety Admin loyin SQL injection protection titTPS encryption. 6.3. Reliability · grateful error handling 6.4. Maintainability · Modulas socie Does for contributors Editable translation landio 6.5. Portability Cross - browser I device computibility No installution needed C.C. Extensibility - Push notification SMS / Wheatsupp integration Role - based access

6.7. Reusobility Announcement module for other platforms Andio Component adaptable