



**Swami Keshvanand Institute of Technology, Management  
& Gramothan, Ramnagar, Jagatpura, Jaipur-302017,  
INDIA** Approved by AICTE, Ministry of HRD, Government of India  
Recognized by UGC under Section 2(f) of the UGC Act, 1956

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## Project Kit

### Emergency Help

#### Abstract of the Project

The 'Emergency Help' application is designed to handle emergency situations by gathering critical data such as emergency contact details and the police helpline number. Upon activation, the app forces GNSS (GPS) to turn on, captures the user's location coordinates, records a 15-second video and audio to verify the emergency situation, and uploads the data to the cloud. The designated emergency contact is notified, and an emergency message can automatically be sent to the police helpline. The application ensures timely and accurate responses to emergencies, enhancing personal safety.

#### Functional Components

The key functional components of the Emergency Help application include:

1. User Registration and Configuration
2. Real-time Location Retrieval
3. Video and Audio Recording
4. Cloud Storage and Data Upload
5. Emergency Contact Notification
6. Automated Police Alert System
7. User-Friendly Interface for Activation and Settings

#### System Flow Diagram

Below is a representation of the system's flow:

(Include a flowchart illustrating the emergency response sequence: Activation -> GNSS Activation -> Data Capture -> Cloud Upload -> Notifications)

#### Technical Requirements

Hardware Requirements:

Number	Description
1	
	Smartphone with GNSS capability
2	
	Minimum 2GB RAM, 16GB Storage



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#### Software Requirements:

Number	Description
1	
	Android/iOS SDK
2	
	Firebase or AWS for cloud storage

#### Milestones and Timelines

The following milestones outline the development stages of the project:

Milestone Name	Description	Timeline (Weeks)
Requirements Specification	Define system requirements and assumptions.	1-2
Technology Familiarization	Understand required technologies.	2-3
Database Design	Develop database for user and emergency data.	3-4
App UI/UX Design	Design user-friendly interfaces for the app.	4-5
Backend Development	Develop features like GNSS activation and data upload.	5-6
Integration Testing	Test app functions and system integration.	6-7
Final Review	Ensure all functionalities meet requirements.	8