



# RescueNow :

## Connecting you to Immediate First-Aid



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## Introduction

RescueNow is a mobile application designed to streamline emergency reporting and enhance response time in accident or emergency scenarios. By utilizing GPS and real-time communication, RescueNow connects passersby, emergency services, hospitals, and other stakeholders to facilitate swift and coordinated action. The app's goal is to minimize response delays and improve survival rates in critical situations.

## Aims and Objectives

To create an intelligent platform that assists in reporting accidents and emergencies quickly, connecting stakeholders like hospitals, police, and casualty teams to ensure rapid intervention.

Key Aims:

- **Accident Reporting Module:** Allows users to report accidents instantly with image upload and GPS location tracking.
- **Hospital & Stakeholder Notification:** Instantly alerts nearby hospitals, police, or other emergency responders.
- **Family Communication:** Provides secure communication for family members and loved ones, sharing critical information.

## Methodology

- **Data Collection:** Emergency data is collected through a variety of simulated accident reports, real-time location data, and user inputs.
- **Applications of AI:** The app integrates AI and machine learning to identify nearby stakeholders and assess the severity of the emergency based on user inputs and image analysis.
- **Development Stage:** Implementation of core functionality like GPS-based accident reporting and stakeholder notifications. Fine-tuning and adding secure family communication features. Testing with real-life scenarios and stakeholders, optimizing data speed and user interface.

## Key Features

### 1) Real-Time Emergency Reporting:

RescueNow enables passersby to report accidents by uploading images and sharing live locations, which are transmitted to nearby responders.

### 2) Integrated Stakeholder Network:

The app notifies relevant stakeholders, including hospitals, police departments, and insurance companies, depending on the severity of the situation.

### 3) Coordination and Communication Tools:

Vital communication tools ensure coordination between responders, including medical teams, enabling a collaborative effort toward faster intervention.

### 4) Accessibility Features:

Multi-language support (English, Hindi) and simple user interfaces make RescueNow effective and accessible to all.

### 5) Emergency Response Monitoring Dashboard:

A live monitoring dashboard allows stakeholders such as hospitals, police, and casualty teams to track real-time updates on ongoing emergencies.

## Analysis

The RescueNow app uses AI-assisted algorithms to identify nearby hospitals and emergency services based on GPS. The real-time reporting feature is integrated with geo-fencing to quickly assign responders to the scene. Early data suggests a significant reduction in response time when using the app in simulated environments, leading to more lives being saved.

## Conclusion

RescueNow is a cutting-edge application designed to connect victims, responders, and stakeholders with the help they need in the fastest time possible. By fostering collaboration among emergency responders, hospitals, and the public, RescueNow aspires to save more lives and make a meaningful impact on emergency response systems.

## Bibliography:

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## Acknowledgements:

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