

## ~ ASSIGNMENT 1 ~

Q1. Define a problem statement & give a brief Executive Summary Snapshot.

- A] Executive Summary
- B] Project Description
- C] Project Scope

Ans →

— Now a day's in India people's are dying by an accident, so many of people's die because an ambulance not get inform on time. so there should one gadget which give's automatic accident detection. The gadget can automatically trigger an emergency response. It send's an alert to predefined contact or emergency services, including the user's location.

### — Project Purpose —

- To save the people's.
- To decrease the accident level of our country.

### — Challenges —

- Accuracy = Ensuring the algorithm accurately detects accidents without frequent false alarms.
- Battery Life = Balancing sensor monitoring and connectivity with battery consumption.
- Connectivity: Maintaining reliable communication between the watch & the smart-



— Project Scope —

— Deliverable —

- Software :- Software for data collection, processing & alert mechanisms.
- Mobile Applications - An app for managing emergency contacts & receiving alerts.
- User Manual: Documentation for using the smart watch & mobile app.
- Time = Project must be completed within the specified timeline.