SYNOPSIS OF THE PROJECT

Roll No &Name	42-SENNA ANTO
Name of Guide	Dr.Sujesh P Lal
Contact Number:	7025858385
Email id"	sennaanto11@gmail.com
Shared folder/git repository details	https://github.com/Senna1999/Main-Project
Project Title	Automatic Fall Detection System Using Smartphone

Description of Project:

Due to their widespread popularity, decreasing costs, built-in sensors, computing power and communication capabilities, Android-based personal devices are being seen as an appealing technology for the deployment of wearable fall detection systems. In contrast with previous solutions in the existing literature, which are based on the performance of a single element (a smartphone).

This project proposes and evaluates a fall detection system that benefits from the detection performed by two popular personal devices: a smartphone. In the proposed architecture, a specific application in each component permanently tracks and analyses the patient's movements. Diverse fall detection algorithms were implemented in the developed Android apps to discriminate falls from the conventional activities of daily living of the patient.

Front end and Backend Tools	xml,HTML,CSS Python,MySQL

Date of Submission: 23/05/2022