1/7/2024

Initial Project Planning

FINAL YEAR PROJECT

SANDESH PAUDEL

THE BRITISH COLLEGE

UNIVERSITY ID: 77297958

**SENIOR-SHIELD: Next-Gen HealthCare App for Elderly**

# Project Aim:

The aim of "Senior-Shield" is to develop a next-generation healthcare app that uses IoT technology to provide complete monitoring, instant help, and improved well-being for the elderly, resulting in a safer and healthier aging experience.

# Objectives:

The objective of my project includes:

* Adaptive User interface catering to the specific needs of elderly users.
* Develop a system to monitor elderly health using IoT technology.
* Make sure falls get noticed quickly with smart technology.
* Help remember and take medicines on time.
* Alert caretakers fast if something seems off, using clever analytics.
* Chat to a doctor through the app for easy consultations
* Incorporate GPS and accurate location tracking and safety alerts.

# Project Specification

Senior-Shield uses IoT gadgets to keep track of health and remind about medicines. It operates as a Flutter-based smart app that can interact with these gadgets keeping everything safe and easy for older folks.