INTRODUCTION

- Combines IoT with a motorized wheelchair for improved care and mobility.
- Features real-time health monitoring with fall detection sensors.
- Allows remote control via an Android app and emergency alerts.
- Stores health data on the cloud for tracking and consultations.
- Ideal for hospitals, elder care, and home healthcare.

PROJECT INTEND

- Enhance patient care and safety through IoT integration.
- Provide real-time health monitoring and fall detection.
- Enable remote wheelchair control for patients with limited mobility.
- Facilitate long-term health tracking via cloud storage.
- Ensure timely intervention during emergencies with instant alerts.
- **Applications:**
- Hospitals for monitoring and assisting patients.
- Elder care facilities to enhance safety and mobility for seniors.
- Home healthcare environments for personalized patient care.
- Rehabilitation centers for aiding recovery and mobility.
- Remote medical consultation and health data analysis.

WORKING

- Sensors monitor vitals and detect falls.
- MPU6050 triggers fall alerts to caregivers.
- Android app enables wheelchair control.

- IoT transmits real-time health data.
- Alerts ensure quick emergency response.

FUTURE ADVANCEMENT

- Integration of AI for predictive health analysis.
- Advanced sensors for more accurate vitals monitoring.
- Voice control for improved accessibility.
- Autonomous navigation with obstacle avoidance.
- Enhanced cloud analytics for personalized care insights.