



Cover page

Project title:SafeAging..... Academic Year: 2024/2025

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Project Type **Software** or **Hardware** (Choose one) Software.

Supervisor Name:Dr.Haya Samaana.....

Format:

- Single space, Times New Roman.
- 12 pt,
- Maximum 1 page.

Abstract Body:

Items must be provided in the Abstract:

- Why do you think this project is important? Please explain the significance of this Project in brief.
- In your point of view what are the important aspects that should be covered in the project?
- Objective(s): In your view, please explain the main objectives of the project.
- Methodology: Give a brief outline of the application development process.
- Had this project been done before? Are there any similar applications available today?
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- **Note:** Please deliver this abstract early to ensure that your Project has been approved by the department's projects committee. **Registration will not be done without this approval.**



Project's Abstract:

The primary objective of this project is to create an extremely effective health management system that can cater to the unique demands and concerns of senior citizens. As a healthy alternative to managing health, the system includes medication tracking, health monitoring, emergencies, and direct propagation with their providers.

In addition to information on medicine, users can input prescriptions and reminders. Users can also input other health check indicators, including blood pressure, blood sugar, and weight, and still take with medicines. With all this input by the users, the monitoring churns out periodic reports for users and caregivers to check out health trends in the past.

The other feature automatically generates a medical report to simplify summarizing medical information that will be shared with physicians. Beyond email, the system allows quick patient-doctor contact in a couple of other ways.

With GPS tracking, caregivers would be aware of the user's whereabouts for safety. Also, safe zones would be established, with an instant alert going to the caregiver as soon as the user walked past the zone after the alert was issued. The user is to press a conspicuous button in case of an emergency that would alert caregiver.

The device can read instructions or messages to blind text-to-speech capability.

Future additions of more health measures can be possible, depending on time restrictions. The project's objectives are to guarantee the health monitoring, general usability, and safety of senior citizens.