HEALTH GUARD

Team: Zainah Azaizah, Majd Aridi, Walaa Khatib, Mariam, Hiba

Supervisor: Hamad Alsawalqah

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**Executive Summary:**

**Project Title:** Health Guard

**Objective:** To provide Seniors and their healthcare providers with an ability to monitor their health status and vitals, by connecting them on our web-based platform. Thereby, giving seniors their own independence while giving their loved one’s peace of mind.

**Key Features:** vitals monitoring, medication reminder, providing emergency-alert for health crisis, ability to chat between doc and p  
**Technology Stack:** HTML, CSS, JavaScript, MySQL, Figma, git, GitHub

**Expected Outcomes:** A simple easy-to-use web-platform for connecting patients, doctors, and caregivers.  
**Timeline & Deliverables:** Expected to be finished before January 6th

**Project Initiation:**

**Project overview:**

Health Guard is a mobile and web-based health monitoring system tailored for elderly patients. It

enables seniors to record vital signs (such as blood pressure, glucose, heart rate, and temperature),

track medication adherence, and stay connected with healthcare providers in real time. The system

analyzes collected health data to detect abnormalities and automatically notifies doctors or

caregivers of potential emergencies. The app aims to support independent living while ensuring

medical professionals can intervene early when necessary

**problem definition**

elderly patients’ lack of independence and difficulty of getting access to health care, and doctors’ full sculls and lack of time to monitor patients’ vitals 24/7.

**Issues**

* The majority of seniors having debilitating health and mobility issues that prevent them from getting consistent physical health checks.
* Senior pateints having memory or cognative problems stopping them from remembering to check their vitals and taking their meds and keeping track of them
* Caregivers may have difficulty reaching their loved ones and it can be time consuming to constantly monitor them in person.
* Doctor finding it difficult to schedule the constant appointments needed to maintain the life quality of a senior patient
* Slow response to medical emergencies due to lack of urgant alert

Problem solution

We provied seniours with access to healthcare providers from anywhere. As well as reminders for meds and medical checks. with visual representation of their vital status.

We give doctors a space to monotore patants quickly and