**duo-ble**

Chenrui, Niu

Yuan-Yu, Yang

* **Product Name**

EverGreen (Smart City Product)

Your Adaptive Healthcare Ally: Redefining Well-being Through Personalized Support and Seamless Innovation

* **Product Description (**should be relatively short**)**

The EverGreen Healthcare Companion Robot is a revolutionary product designed to provide essential care and companionship to individuals who require assistance and health monitoring in their daily lives. This versatile and user-friendly robot offers a range of features to enhance the well-being and independence of its users.

1. Medication Management: The EverGreen robot reminds users to take their medications at the prescribed times, dispenses the correct doses, and maintains a medication schedule. This feature ensures that users adhere to their treatment plans, promoting better health outcomes.
2. Assistance with Mobility: EverGreen can help patients with tasks like dressing, bathing, and toileting, particularly useful for individuals with physical disabilities or limited mobility.
3. Vital Signs Monitoring: EverGreen is equipped with sensors to monitor vital signs, including blood pressure, heart rate, and blood glucose levels, and deliver real-time feedback.
4. Companionship and Entertainment: EverGreen serves as a friendly companion. It engages users in conversations, plays games, streams entertainment, and can even read books or news aloud to combat loneliness.
5. Emergency Notification System: EverGreen incorporates an automatic emergency notification system. It can alert designated contacts or 911 in case of falls, health crises, or other emergencies.

To sum up, we aim to develop a healthcare companion robot to assist with the regular care of patients. The robot can provide daily task support, medication reminders, monitor vital signs, and offer companionship. Additionally, create a monitoring system with auto emergency notification to ensure the well-being of the everyone.

The goal is to provide a versatile solution that addresses the unique challenges faced by individuals requiring support in their daily lives. By offering features such as medication management, mobility assistance, vital signs monitoring, companionship, and an emergency notification system, the product aims to enhance the well-being and independence of a broad spectrum of users with varying needs and abilities.

* **Product Vision Statement** (15- 40 words)

To let AI be one part of our family in life. We make this possible by utilizing robot Intelligence to make people feel cared for deeply so that they are able to be cared for with Dignity.

* **Our First Persona**

• Name: Ms. Elizabeth

• Job Title: A former elementary school teacher.

• Age: Elderly persons aged 65

• Ethnicity: Not distinguishing between different races.

• Goals and Tasks:

1. Taking care of her (assisting with bathing, dressing, and toileting).
2. Chatting with her
3. Keeping her company
4. Reminding her to take her medication

•Background: Ms. Elizabeth is a former elementary school teacher. She got her students the respect and admiration during her teaching years. Regrettably, over the past three years since her retirement, she has been afflicted by Alzheimer's disease to such a degree that her ability to recollect past events has deteriorated, and she now requires assistance with her daily care. Her husband, who is also getting old. Facing mounting challenges in providing her with the necessary support. (With EverGreen's care, Ms. Elizabeth is able to live with Dignity like a healthy senior citizen.)

•Behaviors:

Daily Care and Assistance: Ms. Elizabeth relies on the EverGreen robot to help with her daily care needs, including bathing and dressing. She interacts with the robot by giving it voice commands and following its guidance for these tasks.

Companionship and Conversation: Feeling a bit lonely, Ms. Elizabeth engages in conversations with the EverGreen robot. She chats about her past experiences repetitively and the robot listens attentively, providing companionship and emotional support.

Medication Management: Ms. Elizabeth interacts with the robot to confirm her daily medication schedule and relies on it to dispense the correct doses.

**- - - - - - - - - Additional Supplement - - - - - - - - -**

**Other Vision Statement:**

**(Generic):**

For individuals who require assistance with their daily tasks.

The "EverGreen" robot is a revolutionary companion that caters to a range of essential needs.

Unlike traditional healthcare services,

Our product integrates medication management, vital signs monitoring, assistance with mobility, and companionship, all in one intelligent robot to empower users to live healthier, happier, and more independent lives, going beyond age and ability.

**(Fairy tale):**

Once upon a time, in a world filled with diverse individuals facing unique challenges.

Every day, people sought assistance with daily tasks and the companionship they longed for.

One day, the EverGreen robot arrived, a magical companion for all.

Because of that, they received holistic care from EverGreen.

Because of that, users discovered a newfound confidence in their ability and age and maintained their dignity.

Until finally, all individuals lived happier, healthier, and more independent lives.

**Product (Key features):**

User stories

As a busy professional with a hectic schedule, I rely on the EverGreen Healthcare Companion Robot to remind me of my medication schedule, dispense the correct doses, and ensure I adhere to my treatment plan for optimal health management.

As a person with limited mobility, I appreciate the assistance with tasks like dressing, bathing, and toileting, providing me with the support I need to maintain my daily routine independently.

As someone with a chronic health condition, I need a device to monitor my vital signs, including blood pressure and glucose levels, and provide real-time feedback.

As an individual living alone, I need a friendly companion, to engage me in conversations, play games, read books or news aloud to help combat loneliness, contributing to my emotional well-being.

As a person with a history of health crises, I need a device that has an automatic emergency notification system. In case of a fall or other emergencies, it promptly alerts designated contacts or emergency services.

As a person with a history of health crises, I need a device that has an automatic emergency notification system. In case of a fall or other emergencies, it promptly alerts designated contacts or emergency services.

Struggling with anxiety and depression, I rely on the robot for daily emotional support.

As a family member living far away from my elderly parents, I need some device to facilitate remote connection so that I can check on their well-being through the monitoring features, engage in virtual conversations, and ensure they receive timely assistance in case of emergencies.

As someone recovering from surgery, I need a robot to assist me in daily tasks like fetching items, ensuring I adhere to post-operative care routines, and providing a sense of companionship during the recovery period.

Struggling with anxiety and depression, I rely on the robot for daily emotional support. It engages in mood-boosting activities, and recommends relaxation exercises, contributing to my mental health and overall well-being.

Vision statement:

Innovate care experiences with a companion that adapts, empowers, and enriches lives, offering personalized support and connections.

Transforming well-being, envision a healthcare companion fostering independence, connection, and personalized support for a brighter, adaptive future.

Revolutionizing care, our vision is a companion that empowers users, fostering well-being through adaptive, user-centric features and genuine connection.