**HealthMate AI**

**Overview**

HealthMate AI is an innovative healthcare application tailored for hospital to enhance the post-treatment care and well-being of their patients. The application operates in three distinct stages, each contributing to the seamless management of a patient's health and recovery.

1. **Post-Operation Support:**
   * After undergoing a medical procedure, users can leverage the application to access information about the post-operative phase.
   * Users can inquire about normal post-operative experiences, receive recommendations, and gain insights into managing their recovery.
2. **AI-Powered Communication:**
   * In scenarios where users cannot find solutions through the application's resources, they can engage in direct communication with the AI intelligence embedded in the system.
   * Communication can occur through text, allowing users to describe symptoms or send images for assessment.
   * The AI responds with relevant suggestions based on the provided information.
3. **Hospital Staff Interaction:**
   * If users' conditions persist despite AI recommendations, they automatically progress to direct communication with the hospital's staff.
   * Users can establish real-time communication with hospital personnel, receiving personalized recommendations and, if necessary, being directed to the hospital for immediate treatment.
4. **Segment for Individuals:**
   * The application also features a segment for individuals who are not current patients. This segment is fee-based, and users can access various health-related features.
   * For patients, the service remains free until their treatment concludes. Afterward, a nominal monthly fee may applie, allowing continued access to the application's services as a health management tool.

**Key Features:**

* **User Registration and Profile Dashboard:** Users can register within the application and access a personalized profile dashboard.
* **Health Metrics Input:** Users actively contribute to their well-being by recording weight, blood pressure, heart rate, and specific symptoms. This personalized health data informs AI algorithms, facilitating tailored recommendations and proactive health guidance.

This innovative approach empowers users to actively participate in their health journey, ensuring personalized and effective health management through the integration of advanced technologies and user-driven input.

* **AI Communication:** The application facilitates communication with an AI assistant, which processes user input and generates personalized recommendations.
* **Appointment Scheduling:** Users can schedule appointments through the application, checking availability and confirming appointments.
* **Hospital Staff Communication:** Direct communication with hospital staff is enabled, ensuring users receive timely and tailored medical advice.