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| **As a** | **I want** | **So that** | **Acceptance criteria** | **Priority Level** |
| System Admin | to create and manage patient profiles | To ensure accurate and updated information is stored. | **Create Profile**: The system should allow the addition of new patient profiles with fields for name, age, medical history, emergency contacts, and insurance information.  **Edit Profile**: Users with appropriate permissions should be able to update patient information as needed.  **View Profile:** All relevant information about a patient should be easily accessible from their profile page.  **Delete Profile:** Authorized users should be able to remove patient profiles while ensuring data privacy and compliance. | **H** |
| caregiver | A system | helps in managing medication schedules for senior patients. | **Medication Entry**: Caregivers should be able to input medication details including name, dosage, frequency, and special instructions.  **Reminder System:** The system should send timely reminders to caregivers and patients about medication schedules.  **Track Adherence:** The application should log when medications are taken or missed, providing an overview of adherence.  **Alerts for Refills:** Caregivers should receive alerts for low medication stock and the need for refills. |  |
| administrator | access comprehensive reports and analytics | to monitor system usage and patient care. | **Customizable Reports:** The system should generate reports based on parameters such as patient demographics, appointment frequency, medication adherence, etc.  **Real-time Analytics:** Provide real-time insights into system usage and performance.  **Export Functionality:** Reports should be exportable in various formats (CSV, PDF) for further analysis or sharing.  **Security Measures:** Access to sensitive data should be restricted based on user roles and comply with data protection regulations. | **H** |
| Healthcare provider | a platform | to create and manage personalized care plans for each senior patient. | **Create Care Plans:** Ability to build detailed care plans including medical interventions, dietary restrictions, exercise routines, etc., tailored to individual patients.  **Assign Tasks:** Assign specific tasks or actions to caregivers and family members involved in executing the care plan.  **Progress Tracking:** Track and update the progress of each aspect of the care plan, with notes on improvements or setbacks.  **Regular Updates:** System should prompt for periodic reviews and updates to adapt care plans based on changing patient needs. | **H** |
| System integrator | the application to seamlessly integrate with health monitoring devices | for real-time health data. | **Device Compatibility:** Support a wide range of health monitoring devices (e.g., blood pressure monitors, glucose meters) for data integration.  **Real-time Data Sync:** Ensure that data from these devices sync in real-time with the patient's profile on the application.  **Alerts for Abnormalities:** Trigger alerts for healthcare providers or caregivers in case of abnormal readings or deviations from set parameters.  **Data Visualization:** Display health data in a user-friendly interface with graphs or charts for easy interpretation. | **H** |