Functional Requirements:

Medication Reminder:
Allow users to input their medication schedule, including dosage and frequency.
Send timely reminders to users to take their medications.
Provide the option to snooze or dismiss reminders.
Allow users to mark medications as taken or skipped.

Symptom Tracking:
Provide a symptom tracking feature where users can log their symptoms on a regular basis.
Allow users to input details such as severity, frequency, and any relevant notes for each symptom.
Enable users to view their symptom history over time through charts or logs.
Offer the ability to set up alerts for significant changes in symptoms.

Educational Resources:
Curate a library of educational articles related to various health conditions, treatments, and wellness topics.
Organize resources into categories or tags for easy navigation.

Non-Functional Requirements:

Security and Privacy:
Implement robust encryption protocols to protect user data, especially sensitive information related to medications and health conditions.
Ensure compliance with healthcare privacy regulations such as HIPAA to safeguard patient confidentiality.

Usability and User Experience:
Design a user-friendly interface with intuitive navigation for easy access to medication reminders, symptom tracking, and educational resources.
Optimize the application for various screen sizes and devices to ensure a consistent user experience.

Performance:
Ensure fast loading times and responsiveness, particularly for critical features like medication reminders.
Minimize latency in accessing and updating symptom tracking data to provide real-time insights to users.

Reliability:
Build the application with robust error handling and recovery mechanisms to prevent crashes or data loss.
Implement backup systems to safeguard user data and ensure continuity of service.

Scalability:
Design the application architecture to accommodate growth in user base and data volume over time without compromising performance.

Compatibility:
Ensure compatibility with a wide range of mobile devices and operating systems to reach a broader user base.

Accessibility:
Follow accessibility standards to make the application usable for individuals with disabilities, including support for screen readers and alternative input methods.

Content Quality:
Ensure that educational resources are accurate, up-to-date, and sourced from reputable sources to provide reliable information to users.

Feedback and Improvement:
Implement mechanisms for users to provide feedback on the application's features and content, and incorporate user suggestions for continuous improvement.