PROJECT SCOPE STATEMENT

Project Name	CareEase – A Caregiver Companion App for Dementia Caregivers
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Project Justification	There are many challenges involved with caring for individuals with dementia, including prescription issues, missed appointments with doctors, and stress from caregivers. Lacking on the part of most caregivers to follow important information indicates that care becomes disjointed and heightened stress. CareEase cell phone application serves to make responsibilities of caregiving easier by embracing a handy solution through digitalization that allows seamless reminder of prescription, doctor appointment, medical information, and contact in case of emergencies. With its digital one health care management system, caregiver support services, and automated reminders, CareEase has set out to enhance the care for dementia patients as more effective, less stressful, and of better quality. By empowering digital health solutions that allow for patient management and enabling caregivers with streamlined resources to help them, the program empowers the creation of healthcare informatics.
Project Description	CareEase mobile application is a digital caregiving tool designed specifically for dementia caregivers. It will be rolled out as a working prototype with the key features that facilitate tracking of medication, scheduling of appointments, storage of health records, and inclusion of emergency contacts. The application will have: ● Medication tracking with reminders for the scheduled doses. ● Scheduling of appointments with reminders for upcoming doctor visits. ● Secure digital storage of health records so that caregivers can maintain medical history and treatment plans. ● Emergency contact integration, so that urgent support can be easily accessed.

	• Caregiver support resources, including educational material, FAQs, and stress management resources. CareEase will be developed as a mobile application optimized for smartphones and will undergo multiple testing phases to ensure usability and functionality.
Project Deliverables	The products of the CareEase project will be: • A functional mobile app prototype with essential features. • A safe and interactive caregiver dashboard to manage patient care. • User feedback reports from test cycles to enhance usability. • Project documentation, including a user guide and a training manual for caregivers.
Out-of-Scope Items	The following functionalities are not included in the initial project phase: • Integration with external electronic health record (EHR) systems or hospital databases. • Advanced AI-based health monitoring or predictive analytics. • Offline access beyond basic data retrieval. • Web or desktop application support (Phase 1 focuses solely on mobile platforms)
Project Objectives	The CareEase project has the following objectives to be met: • Create a simple to use mobile application for caregivers to manage patient care. • Enforce medication tracking and appointment scheduling features with automated reminders. • Create a safe dashboard for keeping and retrieving the medical history of patients. • Incorporate caregiver support materials, such as stress management resources and educational materials. • Conduct usability testing to refine the app further based on caregiver feedback and make it accessible.
Cost Objectives	The project budget is $11,000, distributed across three phases.

	- **Phase 1:** Research & Wireframing costs $2,500 for market research and initial design. - **Phase 2:** Development & Testing costs $5,500 for app development and usability testing. - **Phase 3:** Refinement & Final Review costs $3,000 for completion and testing. This budget ensures prototype creation, testing, and feature enhancements for a functional and user-friendly app.
Schedule Objectives	The CareEase project will be created in three phases over three months for proper development, testing, and iteration. - **Phase 1:** Research & Wireframing (Feb 1 – Feb 28, 2025) will consist of market research, caregiver interviews, and wireframe design. - **Phase 2:** Development & Testing (Mar 1 – Mar 31, 2025) will consist of application coding and usability testing. - **Phase 3:** Refinement & Final Review (Apr 1 – Apr 30, 2025) will complete the app by incorporating feedback, refining UI/UX, and conducting final testing. This schedule allows for progress monitoring, stakeholder feedback, and required adjustments prior to deployment.
Acceptance Criteria	When the project has the following, it will be deemed a success: - Having completed core features such as drug tracking, appointment booking, and keeping medical records. - Caregivers with a minimum of 85% satisfactory usability feedback undergo user acceptance testing. - Less than ten core bugs were found after resolving major bugs to provide stable functionality. - Conducted beta testing with over 20 caregivers, achieving a reported 80% success rate for usability. - Validation with the stakeholders, to bring the project to industry standards and meet customer needs.
Constraints	Several constraints may impact the project: - **Time Limitations:** The project must be completed in three months. - **Technical Limitations:** The app has a cap on mobile platforms and does not accommodate desktop functionality in Phase 1.

	● **Regulatory Requirements:** The item will need to meet data privacy and HIPAA standards. ● **User Constraints:** The system must be simple and user-friendly to caregivers, who are not technologically inclined in the main.
Assumptions	The following assumptions are made for successful project execution: ● Caregivers will actively participate in usability testing and provide feedback. ● Stakeholders will provide timely approvals and necessary resources. ● The development team will complete each phase within the planned schedule and budget. ● The application will be compatible with both Android and iOS devices.