Project Name:
SA3DNY app

Project Sponsor:
Eng. Jhon Naoum

Project Manager:
Eng. Beshoy Yousry

Date:
October 18, 2025

Project Purpose and Justification:
The purpose of the SA3DNY *Application* is to create a digital platform that connects people who need help with those who are willing to offer it. The goal is to make it easier for anyone to find support — whether emotional, physical, or practical — especially for individuals who are living alone, studying abroad, or in unfamiliar places.
This project aims to reduce the feeling of loneliness and fear by building a supportive community where users can request or provide help nearby. Through this system, people can feel a stronger sense of connection and belonging, promoting kindness, empathy, and cooperation in everyday life.

Project Description:
The SA3DNY *Application* is a cross-platform system available on both web and mobile devices. It allows users to request assistance in various forms — such as guidance, emotional support, or practical help — and enables nearby users to respond and offer support.
The platform uses location-based features to connect people in the same area and provides real-time communication tools to make the process easy and safe.
Users can create profiles, post help requests, offer assistance, and rate their experiences to ensure trust and reliability among the community.
The system will include features like user verification, chat functionality, emergency mode, and a reputation system to maintain a positive and secure environment for everyone.

Project Objectives:
* Develop and launch the SA3DNY *Application* by **May 2026** for both web and mobile platforms
* Reach at least **10,000 active users** within the first six months after release
* Enable users to connect and communicate in **real-time** with minimal delay
* Maintain a **user satisfaction rate above 90%** through feedback and ratings
* Ensure **secure and verified accounts** to build trust among users
* Reduce the average response time for help requests to **under 3 minutes** in populated areas

- Promote **community engagement and empathy**, encouraging users to both give and receive help

Deliverables:
- Fully functional SA3DNY **Application** available on both web and mobile platforms
- **User manual and video tutorials** to guide new users on how to use the system
- **Secure user authentication system** with verification for trust and safety
- **Real-time chat and location-based assistance module** for instant communication
- **Admin dashboard** to manage users, monitor activities, and handle reports
- **Feedback and rating system** to ensure service quality and build community trust
- **Emergency mode feature** for quick access to urgent help requests
- **Testing and maintenance documentation** for system reliability and updates

Milestones & Timeline:
- **Requirements Gathering:** November 2025
- **UI/UX Design Prototype:** December 2025
- **Development Phase:** January 2026 – March 2026
- **Testing and Debugging:** April 2026
- **Deployment and Launch:** May 2026
- **User Training and Feedback Collection:** June 2026

Technical Requirements:
- **Platform:** Mobile and web-based application to ensure accessibility for all users.
- **Operating System:** Compatible with Android and iOS mobile devices.
- **Programming Languages:** Flutter (for cross-platform mobile development) and React (for web interface).
- **Database:** Firebase for real-time data storage and synchronization between users.
- **Authentication:** Secure login system using email or phone number verification.
- **Location Services:** Integration with Google Maps API to connect users based on their current area.
- **Notifications:** Push notifications to alert users when someone nearby requests or offers help.
- **Security:** Data encryption, privacy protection, and verified accounts to maintain user safety.
- **Interface:** Simple and intuitive UI/UX focusing on accessibility for all age groups.
- **Backup:** Automatic cloud backup of user data to prevent information loss.

Limits and Exclusions:
- The project will **not include a desktop version** of the application; it will be limited to mobile and web platforms only.
- The system will **not provide financial or payment features** (the help exchanged will be non-monetary).
- **Hardware or server setup** will not be included; all services will rely on cloud hosting.
- The project will **not include real-time video calls** in the first version — only chat and location-based interaction.

- **User training or workshops** after launch are excluded; guidance will be provided through tutorials in the app.
- Future upgrades or additional features (like AI recommendations or community events) will require separate approval and resources.

Approval:

- Project Sponsor: _____Jhon Naoum_____ Date: ___18/10/2025_____
- Project Manager: _____Beshoy Yousry_____ Date: _18/10/2025_____