



Cover page

Project title: Ideal charitable society Academic Year: 2024/2025

Group Members: 1) Yafa Nada Department Name: Computer engineering

2) Raneen Raed

Project Type Software

Supervisor Name: Suliman Abu Kharmeh

Format:

- Single space, Times New Roman.
- 12 pt,
- Maximum 1 page.

Abstract Body:

Items must be provided in the Abstract:

- Why do you think this project is important? Please explain the significance of this Project in brief.
- In your point of view what are the important aspects that should be covered in the project?
- Objective(s): In your view, please explain the main objectives of the project.
- Methodology: Give a brief outline of the application development process.
- Had this project been done before? Are there any similar applications available today?
- **Note:** Please deliver this abstract early to ensure that your Project has been approved by the department's projects committee. **Registration will not be done without this approval.**



Project's Abstract:

the Ideal Charity Association was established in 2005 and is located in the eastern region of Nablus. Over the years since its establishment, it has played an active role in the community and has distinguished itself among institutions. The association's work consists of providing assistance to all groups in need, such as orphans, low-income families (the needy), people with disabilities, university students who cannot afford their tuition fees, and many other marginalized groups. The association provides them with continuous support by meeting their needs with financial aid, food supplies, or even special tools according to their needs. This is made possible through donations received from all capable segments of society. Since the association has obtained all necessary competency certificates and work permits, it has gained the trust of the community.

Given that we associate the association with studying its systems and others, what it lacks is the availability of a system that computerizes all the operations and services that the association provides, reduces pressure on its employees, increases services, increases the accuracy of operations, and makes them easier for all of them.

Therefore, we have developed a plan to implement a website and mobile application that includes the entire association's work plan in accordance with its internal system. We will enable registration for those in need to apply for the association's services by providing the required information through the website. We will also provide an opportunity for donors to register, donate, and pay through the website more easily. Additionally, we will allow volunteers to apply for volunteering and charitable work in this association and provide methods for delivering aid to those in need according to their preferences. Furthermore, we will enable communication between the association's director and beneficiaries as a dynamic feature of the system, in addition to automating the scheduling of the association's accounts to facilitate their review by association officials and to increase accuracy and integrity. To implement this effectively, we will use:

- SQLite DB as testing DB
- firebase for notifications and chats
- Django Framework for Backend
- React for Web Frontend
- ReactNative for Mobile development as cross platform development framework

