# Specifications for Final Project DIAA 2023

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## Design Specifications

### Design Brief (as modified by the team):

Volunteer to help:

* The social welfare department keeps a record of organizations in Haifa that assist the poor, hungry and marginalized people in the city. (They don't use the app. The app's job is to find these people and recruit volunteers and organizations to help them).
* This app registers people who want to help out in some way by volunteering.
* Organizations can ask to be listed and give their requirements for volunteers, and
* Potential volunteers can offer themselves by listing their abilities and availabilities.
* The app focuses on the first 5 SDGs – poverty, hunger, health, education and gender equality.
* App owner: Ministry of Welfare and Social Security.

### Short Description of the proposed long term solution:

The proposed solution will contribute to reducing poverty and hunger in society.  
In addition to raising the culture and education of people.  
And also bridging the gaps between the sexes in order to reach equality between them.  
It also contributes to raising awareness about volunteering, initiative and helping others, which leads to a cooperative society.

### Specifications of the Application:

**Functional requirements and desired set of features:**

Feature 1: The system allows sign up for users.

Feature 2: The system allows login for users & organizations & admin.

Feature 3: The system allows financial, physical donations from users.

Feature 4: The system receives from the users the details of the means of payment for the purpose of financial contribution.

Feature 5: The system allows the admin to manage the list of volunteers helps by show, add, edit, remove records.

Feature 6: The system allows the admin to manage the list of organization by show, add, edit, remove records.  
The admin can add organizations, but he is not responsible for giving them an email and password, they get them from another entity outside the application.

Feature 7: The system allows to the admin to manage the list of needs people by show, add, edit, remove records.  
The admin collaborates with various entities in the society such as clergy, the Ministry of Welfare and write the names of the people who need help with paperwork and enters them manually into the system.

Feature 8: The system allows to the admin to manage the list of donations by show, add, edit(fields he is allowed to touch in terms of user privacy: amount of donations and the name), remove records.  
The credit card details are static and sensitive and private details for the customer, the admin has no authority to touch them for privacy.

Feature 9: The system shows an overview about our projects in the app (show posts for some projects that have been done in target to motivate other volunteers).

Feature 10: The system saves the details of the people who need help.  
The admin collaborates with various entities in the society such as clergy, the Ministry of Welfare, to get names of these people. The admin writes the names of the people who need help with paperwork and the admin enters them manually into the system (the admin only can add these people to the app).

\* (The Ministry of Social Affairs and Social Security is asking for permission from these people to transfer information about them to us with assurances that everything will be confidential and to make it clear that it is in their best interest).

Feature 11: The system displays the top volunteers.

Feature 12: The system displays some information about the app.

Feature 13: The system allows logout.

Feature 14: The system allows back to home page.

Feature 15: The system displays details for contact us.

Feature 16: The user can add description of his skills, or his favorite organization and the admin can see it in his dashboard.

Feature 17: Volunteer Reviews: Allow volunteers to show organization descriptions. This can help other potential volunteers make informed decisions about where to volunteer.

Feature 18: Volunteer Matching: A feature that matches volunteers with organizations based on their skills and availability. (The organizations can see the volunteers, their availability and skills and associate them with them).

Feature 19: feature for organizations to manage their volunteers, including tracking hours, completed tasks and communication. The organizations can see the volunteers that belong to them and see if the tasks have been carried out or not.

### List of Features to added in next iteration:

1. Event Planning: Allow organizations to create and promote events to engage with volunteers and the community.

2. Donation Tracking: Add a feature that allows organizations to track and manage donations, including monetary and in-kind donations.

3. Impact Tracking: Allow organizations to track and report on the impact they are making in the community, including the number of people served and the outcomes achieved.

4. Community Engagement: Add features to promote community engagement, such as forums or discussion boards where volunteers and organizations can share ideas and collaborate.

5. Multi-Language Support: Add support for multiple languages to make the app more accessible to a wider range of users.

6. The system allows training for the user to use the application.

## Stakeholder Analysis:

**Stakeholder Group 1:** our team – developing team

**Value proposition for Stakeholder Group 1:**

As app developers and students at the same time we love and want to help people, but we don't have the ability to help these people through our own pocket money or high level availability. Then we will be able to develop an application that will recruit volunteers and organizations with a variety of talents and abilities so that we will allow help from several sides to people, so it gives us a very good feeling and self-confidence that we are doing good deeds for people in society through tools that we learn in the Android application design and implementation course.

In addition, we will gain experience in developing applications that will help us further in our career.

**Features in application, next iteration and long-term vision supplying value for Stakeholder Group 1:**

Next iteration: The developing team can work on improving the app's functionality and user experience, adding new features such as a rating system to evaluate organizations, a personalized dashboard for volunteers and organizations, and a newsfeed to showcase success stories and upcoming events.

Long-term vision: The developing team can aim to expand the app's reach beyond Haifa, to other cities and regions in Israel and potentially even other countries, creating a global platform for volunteerism and social welfare. The team can also explore partnerships with local governments and organizations to increase the impact of the app and its ability to drive positive change.

**Stakeholder Group 2: Ministry of Welfare and Social Security**- As a stakeholder, their primary interest is to ensure that the app is effective in connecting organizations that provide social welfare services with potential volunteers who can help support these efforts.

**Value proposition for Stakeholder Group 2:**

The value proposition for Stakeholder Group 2 is to have an efficient and user-friendly platform that enables them to keep track of the various organizations operating in Haifa that offer social welfare services, as well as a pool of interested volunteers who are willing to contribute to these efforts. The app can help them streamline the process of connecting volunteers with organizations and ensure that the resources are being utilized effectively to meet the needs of the marginalized population.

**Features in application, next iteration and long-term vision supplying value for Stakeholder Group 2:**

Some of the features that could be included in the next iteration of the app to provide value for Stakeholder Group 2 could include data analytics tools to help them track the impact of volunteer efforts on the community, improved communication channels to facilitate coordination between organizations and volunteers, and enhanced reporting capabilities to provide insights into the app's effectiveness.

In the long-term vision, the app could be expanded to include additional social welfare services. which would enable the Ministry of Welfare and Social Security to leverage the platform to support a broader range of community needs. The app could also be integrated with other government systems and services to provide a more comprehensive solution for addressing social welfare challenges in Haifa.

**Stakeholder Group 3: poor people**

**Value proposition for Stakeholder Group 3:**

The application is designed to help organizations that support the poor, hungry and marginalized people in Haifa. The value proposition of the application for this group is to provide a platform where they are supported by these organizations and find their needs (they themselves do not use the application, but they receive the help from the organizations and volunteers who use the application that connects them to them through the collection of information about people with the help of the Ministry of Social Affairs and National Insurance)**.**

**Features in application, next iteration and long-term vision supplying value for Stakeholder Group 3:**

Enhanced matching algorithm: The app could develop an enhanced matching algorithm that matches poor people with organizations based on their needs and interests.

Customized recommendations: The app could provide customized recommendations for poor people, suggesting organizations and volunteer opportunities that best match their needs and preferences.

Educational resources: The app could provide educational resources and information on important issues such as financial literacy, healthcare, and legal rights, which could help poor people improve their quality of life. Partnership with local businesses: The app could partner with local businesses to provide job training, internships, and employment opportunities for poor people.

**Stakeholder Group 4: Volunteer**

**Value proposition for Stakeholder Group 4:**

The app provides an opportunity for volunteers to connect with organizations that work towards social welfare, allowing them to make a positive impact in their community. By volunteering, they can contribute to the first five SDGs (poverty, hunger, health, education, and gender equality) and feel a sense of fulfillment by helping those in need.

**Features in application, next iteration and long-term vision supplying value for Stakeholder Group 4:**

Next iteration:

The application will allow a chat between the volunteers, which helps in strengthening the ties between them and consolidates them for common goals, which optimizes the process of helping the people. In addition to this, the volunteers can upload posts (photos, videos) for good deeds that are approved by the people to stimulate the motivation among the volunteers.

Long-term vision:

In the long term, the app could expand its focus beyond Haifa and become a global platform for volunteering, connecting volunteers with organizations all over the world. The app could also incorporate machine learning algorithms to match volunteers with organizations based on their skills and interests, making the volunteer process more efficient and effective. Additionally, the app could incorporate gamification elements to encourage more people to volunteer and make a positive impact in their communities.

**Resources of information:**

1. Personal thoughts from our team.

2. The official website of Haifa Municipality: The website may have information about the social welfare department and volunteering opportunities in the city.  
  
3. VolunteerMatch: VolunteerMatch is an online platform that connects volunteers with local nonprofit organizations. It has a search feature that allows users to find volunteering opportunities in their area based on their interests and skills.  
  
4. Idealist.org: Idealist is another online platform that connects individuals with nonprofit organizations around the world. It also provides resources for people who want to learn more about social welfare and volunteerism.  
  
5. Local community center: Community centers often have information about local volunteering opportunities and may be able to connect you with organizations that help people in need.