

# UNIQUE

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## Problem Statement

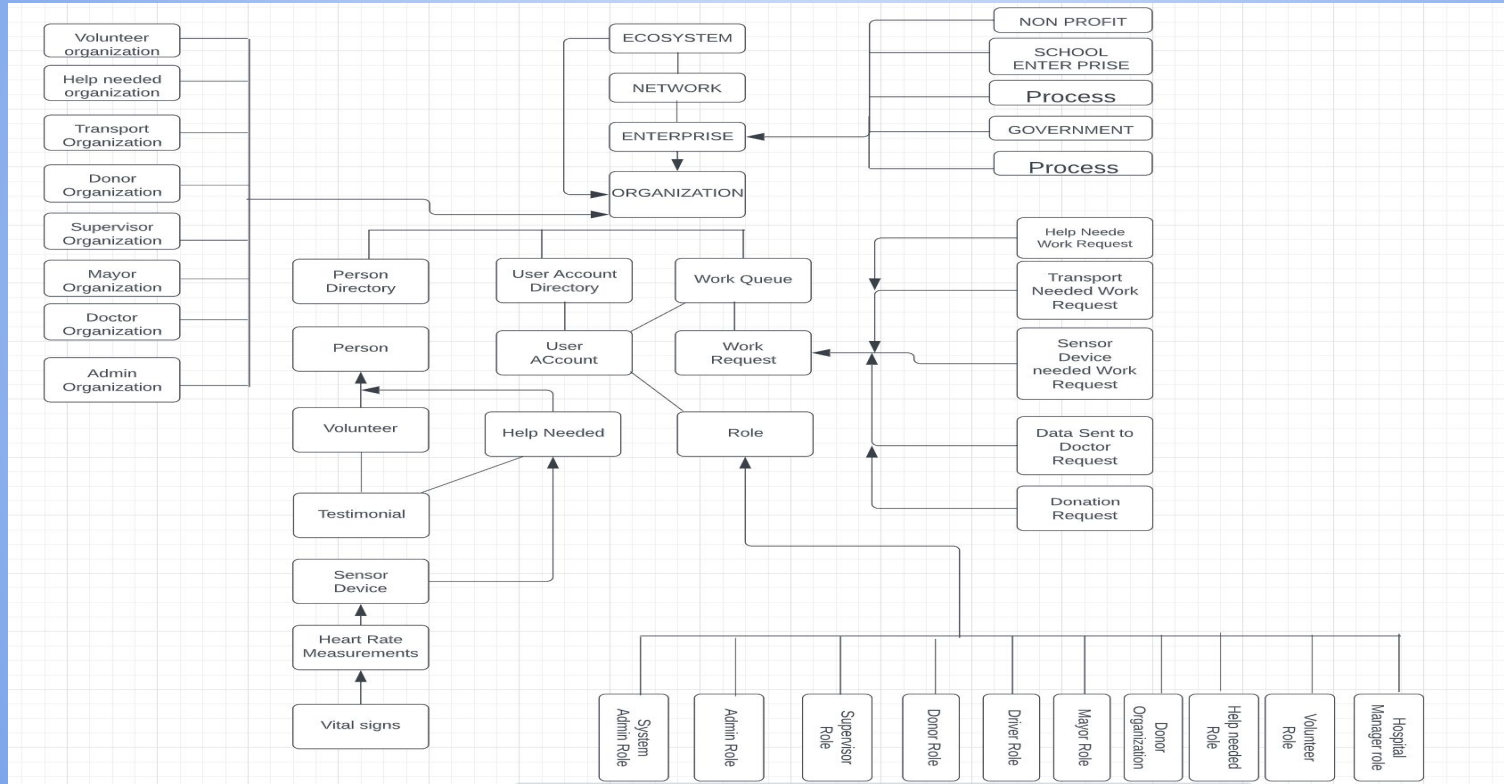
- ❖ Recent cardiac arrest patients have trouble performing physical activity.
- ❖ The majority of people find it difficult to perform physically demanding housework, yet they cannot afford to employ assistance due to their medical costs and other obligations.



## Proposed Solution

- Hospital is a user-friendly software that connects heart patients, volunteers, doctors, and donors.
- Volunteers are local high school students who will assist heart patients with physically demanding duties such as snow shoveling.
- Use a sensor gadget to monitor the heart patient's data and send him alerts.
- The program allows the advising doctor to watch the patient's data and advise prescription modifications.
- Donors can utilize the app to make contributions.

# Object Model





## Primary Roles

- ❖ Volunteer Job: The volunteer's duty is to fulfill the Patient's request with the assistance of the Transport Organization.
- ❖ Patient's Position: The Patient's role raises many demands, including requests to Volunteer for assistance, donors for a sensor gadget, and doctors for advice or new medication.
- ❖ The supervisor is accountable for authorizing the volunteer, Patient and doctor registration requests.



## Primary Roles Continued

- ❖ Doctor's Role: The Patient vital data tracked with a sensor gadget to the doctor for analysis. The doctor may respond with advice or new medications.
- ❖ Donor Role: The donor role entails making donations by processing sensing device requests or sending money directly to the heart aid corporate account.
- ❖ Unique Manager Role: The manager's role is to ensure that the system is functioning properly and to identify needs by analyzing data using Business Intelligence techniques



## Application Characteristics

- ❖ Sign up as a Help Needed, Volunteer, or Doctor on the registration page.
- ❖ Whenever a volunteer signs up for the application, an email containing the user name and password is sent to the registered email address.
- ❖ When the account is enabled or approved by the supervisor, an email is sent to the Volunteer, Patient, and Doctor.