**ONLINE UNUSED MEDICINE DONATION TO NGO’s**

Online Unused Medicine Donation for NGOs This project aims to donate medicines which are unused. The unused medicine can be donated for further utilization by a needy person. This application helps the user to donate unused medicines to NGO. In this system there are three entity namely, Admin, NGO and Member. Admin will login and manage members by deleting and blocking the users providing improper or expired medicines. Admin also has authority to approve the appointment requested by NGO. Admin has monthly report of medicines which has been donated. NGO can register and login using credentials. They can raise a request of appointment which will furthermore approved and schedule by admin. NGO manages the stock which helps to maintain the record of the available medicine. In case of security NGO can also change their password. Members can register and login using credentials. They can donate medicine by providing medicines detail and raising request, further it will be approved by admin, they will schedule the donating date. Members can also check their previous data of medicine transactions.

❖ Modules: The system comprises of 3 major modules with their sub-modules as follows:

1. Admin

• Login: Admin can login using credentials.

• Manage Members: Admin analyses and deletes or blocks the member donating unwanted and drugs that pass their expiry dates.

• Manage Approvals: The appointments by NGO’s are manage by approving appointment request.

• Reporting: The monthly report of the members who had donated medicine.

1. NGO

• Registration: For obtaining credentials NGO’s need to register.

• Login: With the help of credentials NGO can login.

• Scheduled Appointments (Only Approved Appointments): NGO can send request for appointment which will be further approved and scheduled.

• Stock Management: Stock of the medicine had been donated will listed in stock management.

• Change Password: NGO can change their password in case of security.

1. Member

• Registration: Member can register and acquire credentials.

• Login: With the help of credentials member can login.

• Donate Medicine: Member can donate medicine by providing medicine details. And can schedule donating date

• View Transactions: Member can see the previous transaction of medicine

• Change Password: Member can change their password in case of security.

**Project Lifecycle:**

**Description**

The waterfall Model is a linear sequential flow. In which progress is seen as flowing steadily downwards (like a waterfall) through the phases of software implementation. This means that any phase in the development process begins only if the previous phase is complete. The waterfall approach does not define the process to go back to the previous phase to handle changes in requirement. The waterfall approach is the earliest approach that was used for software development.

**❖ Hardware Requirement:**

➢ i3 Processor Based Computer or higher

➢ Memory: 1 GB

➢ Hard Drive: 50 GB

➢ Monitor

➢ Internet Connection

**❖ Software Requirement:**

➢ Windows 7 or higher

➢ Visual Studio

➢ SQL Server

➢GoogleChromeBrowser**FUNCTIONAL REQUIREMENTS:**

A functional requirement defines a function of a software-system or its component. A function is described as a set of inputs, the behaviour, and outputs.

1. The website should allow users to sign up/ create account.
2. The website should allow users to modify their account/data.
3. The website should present the user with a forget password option.
4. The website should allow the user to see their donation history.
5. The user should be presented with information about the Medicine Request.
6. NGO’s should be allowed to request for donations.

**NON-FUNCTIONAL REQUIREMENTS:**

The non-functional requirements describe how the system works, and how the system should behave.

1. The application should run smoothly across all platforms (Internet Explorer, Chrome, Safari, Firefox, Opera etc.)
2. The page load time should be kept to a minimum.
3. The GUI should be easy to use, with a well-designed clean interface.
4. The application could be functional on a mobile device.

❖ Advantages

• It helps poor people for medication.

• It will help to maintain records of medicines

• Many needy people will get cure.

❖ Limitation

• Data need to be entered properly otherwise, outcome may won’t be accurate.

❖ Application

• This system can be used for collecting & donating Unused Medicine.