**Let’s Serve Humanity**

**FYPII – Project Progress Report**



**Submitted by:**

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**Start till FYPI Evaluation:**

Our project aim is to create an application that acts as a medium between the needy people and the ones who are willing to donate. If the project becomes successful, our goal to serve humanity will be fulfilled. Our work is explained in detail in the points below:

* The first thing is to understand the problem for that purpose we schedule meetings with our client and when we got the main idea or the baseline of the project and end up gathering all the requirements of the project.
* After that, we started our analysis phase from where we found out the major problems and we discuss those problems and their solution with our supervisor every weekend in meetings.
* Then we started with the documentation (Software Requirement Specification document) phase in which we covered the purpose and scope, functional requirements and non-functional requirements, features, future work, and others.
* Also, we design the models which are as following:
  + Use case diagram
  + UML class diagram
  + State diagram
  + NoSQL ER diagram
  + Activity diagram
* The SRS document also includes ten important Test Cases and the Mockups that are a part of the designing phase designed using Sketch and it was approved by our client as well as our supervisor.
* We started the development and implementation phase in which first we created our database using MongoDB and created a module of our server using Node.js and login and registration module using React Native.

**After FYPI Evaluation till Now:**

After our FYP 1 evaluation, until now we are in the development and implementation phase. Our work is summarized in the following points:

* The front-end part which is covered using React Native contains screens that are under development. The screens include:
* Sign up
* Sign in
* Forgot Password
* New Password
* Home Screen
* Upload Case
* Donate
* Completed Cases
* About Us
* Contact Us
* Although mockups are very well defined and clear, we made some of the changes which will increase the user experience.
* The schemas of the user have been defined for both the donors and needy people.
* The payment gateway is under the development phase.
* The MongoDB database is complete and running and relates to our server using Mongoose.
* The API’s to save, delete, update the user is also under development phase. These APIs will be hit from the front end.
* The Get, Post, Put & Delete Restful API’s is developed that defines the HTTP Request methods.

**What’s Remaining:**

We are working on the payment gateway module once it is done, we will just need to connect our front end with the server using Express JS.