SYNOPSIS

**PROJECT TITLE**

SAHYOG-

An Online Common NGO Platform

ITVA-Proj-2019001

**TEAM MEMBERS**

179202093-Prakhar Bhargava (Team Lead & Software Designer)

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**NEED OF THE PROJECT**

Through this project we aim to help the people who are in need or are facing any kind of problem. We desire to resolve these problems by connecting them with people who have sufficient funds and materials but don’t have any persistent medium to provide help.

**PROJECT DESCRIPTION**

The aim of this project is to provide a common online platform for all the citizens who are willing to donate any kind of materials ranging from books, clothes or even financial support etc. to the NGO’s and self-help organizations in need which are based in and around Jaipur. Our aim is to spread this initiative all across the nation and tie up with as many NGO’s and self-help organizations as possible.

The project will also give emphasis to the fact of listing out all the organizations in accordance with the demands of the user and will filter out the results according to it. It will also initially include payment gateway linkages to the organizations financial support webpages. The financial support model will initially focus on the payments to the NGO’s through the mobile payment apps (Paytm, Google Pay etc.).

The project in the later stages will also focus on recruitment of volunteers both in the short term and long term of any age group in accordance with their respective interests. In the short term strategy impetus will be given on volunteering for a limited period of time (in accordance with the user’s schedule) and in the long term strategy have user’s working on a permanent basis.

**SDLC MODEL**

We are using SCRUM Model for this project.

**PROJECT MODULES**

* HTML &CSS (Front End)
* JAVASCRIPT
* SQL (Database Management System)
* DJANGO(Backend)

**FUNCTIONAL REQUIREMENTS**

* Authentication
* Transaction Corrections, Adjustments and Calculations
* Administrative Functions
* Authorization Levels
* Certification Requirements
* Historical Data Analysis and Trends

**NON-FUNCTIONAL REQUIREMENTS**

* Scalability
* Capacity
* Availability
* Reliability
* Recoverability
* Maintainability
* Serviceability
* Security
* Usability
* Performance

**SYSTEM REQUIREMENTS**

* Localhost Server (XAMPP OR MAMP)
* Python
* Web Hosting Servers
* SSL Certificate