Report
on
Project Feasibility Study
of
Edu-Right

Lab Group: 2A

Group No: 2

Group Members

180041203	Md. Sajid Altaf
180041204	Syed Mohammed Sartaj Ekram
180041219	Adham Arik Rahman

Course Code: CSE 4408

Date of Submission: 16/10/2020

Course Teachers:

Hasan Mahmud, Assistant Professor, Department of CSE, IUT

Njayou Youssouf, Lecturer, Department of CSE, IUT

Problem Definition

At present there are different non-profit as well as business initiatives working to achieve the goal of helping underprivileged students to get education. But there are some problems in those existing systems. Most of the organizations are mainly focussed on metropolitan cities whereas a few are focused on rural areas. Some of the organizations are connected with the individuals rather than connecting with their schools losing the proper accountability from the students' side and some other organizations maintain their own schools which can't accommodate a good number of students. And in most of the systems, students don't get the opportunity to apply for scholarships by themselves.

Issues   Weights

1. Students don't get the opportunity to apply for themselves   10
2. Not connecting with the schools to maintain accountability   9
3. Less coverage on rural areas   7
4. Some of the organizations lack popularity   4

Objectives
1. Providing students the opportunity to apply for scholarships by themselves.
2. Connecting with schools to ensure accountability on the students' part.
3. Focusing on both rural and urban areas equally.
4. Ensuring a good social presence.

Requirements
1. Security of the data for the sponsors, students and schools.
2. The system must be easy to use by non technical people.
3. The sponsors, students and schools should be allowed to update their attributes.

Constraints
1. Time constraint: The system needs to be developed in 2.5-3 months.
2. Scope constraint: In order to reach a good amount of people, time is needed, but due to the shortage of time the scope will be narrowed down at first.

Feasibility Study

- **Technical Feasibility**

  Currently our system is planned:
  - To be implemented as a web application developed by using powerful and flexible programming languages.
  - To have a Relational Database System for handling the records.

  All these can be accomplished by using any open source frameworks and some existing APIs that are in use today. Which means there is no technically out of bound situation expected here.

- **Economic Feasibility**

  The system will be:
  - Simple and easy to maintain at the initial stage.
  - Dealing with the records of the sponsors, students, schools are very sensitive. So, system analysts are needed.
  - No specialized hardwares needed for the organization to maintain at the initial stage.
  - Hosting the website will bear some cost.
  - Hosting of the database is needed and it will bear some cost as well.

  So we basically have to spend on developing the system, using databases and hosting the website and also to recruit system analysts for the safety, security and maintenance.

- **Operational Feasibility**

  In operational aspects:
  - Users with a minimum level of technical knowledge can use the system as it will have a simple, user-friendly interface.
  - The system will create a bridge between the humanitarian people and the under-privileged students. So, it has its uses.
  - The user experience won't differ much from the existing system. So users will be able to adapt easily.

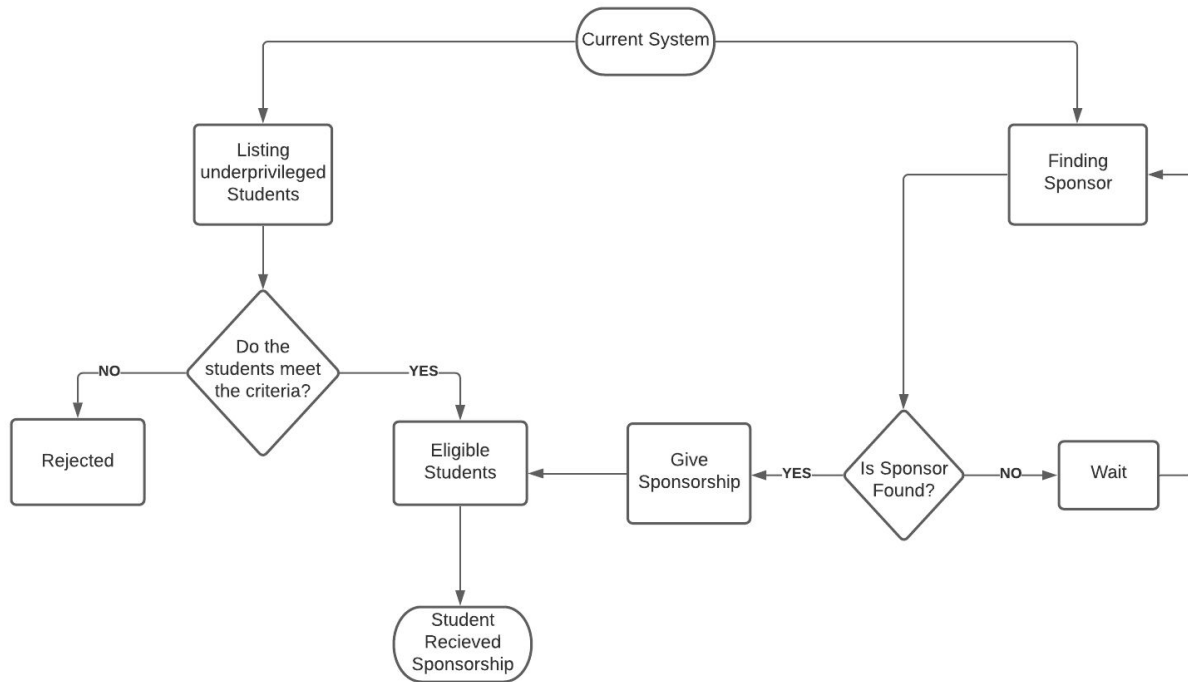 So operationally the system is also very much feasible.

Flow Chart of the Current System

Figure: Flow chart of current system