

Step to Help

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Abstract— This project focusses on developing an android application which can be used for the need of the basic right of every student. In this paper an attempt has been made to link a needy student with a right donor. Donation can be in the form of Money, Time, Books, Tuitions etc. Those who wish to donate anything to needy students must register on our app. Those who are in need to donation must also register on app. Needy student can ask for Books, tuition or fees to be paid for their colleges. Those who are donating can donate entire amount or partial sum of amount whatever they wish. Once a needy persons donation quota is complet-ed their listing would be automatically removed from the list. In this way we can ensure that every needy person gets equal amount of support required for education.

Index Terms— Database Security;SQL;PHP ; Android.

1 INTRODUCTION

THIS prjct is to develop to bridge to gap in right to education where we can link a needy student with right donor.

Right now millions of children are missing out on their right to an education. They can't go to school because they have to work to survive. Due to this gap in right to education, we decided to go ahead with this project topic, where we can link a needy student with a right donor. Donation can be in the form of Money, Time, Books, Tuitions etc. Those who wish to donate anything to needy students must register on our app. Those who are in need to donation must also register on app (through some admin if it is not feasible for themselves to do it). Needy student can ask for Books, tuition or fees to be paid for their colleges. For every stream of school / college the amount which can be donated is fixed or time which can be donated is fixed. For e.g.: A needy student opting for commerce stream may get a fix amount of monetary help and the fees is directly paid to college. Those who are donating can donate entire amount or partial sum of amount whatever they wish. Once a needy persons donation quota is completed their listing would be automatically removed from the list. In this way we can ensure that every needy person gets equal amount of support required for education.

2 PROBLEM STATEMENT

In most cases, when donation is required that could not be provided on time. This project is intended for the development of education in our country. Sometimes though donor is available the receiver is unaware of this, or the donor too. So we have come up with a system a solution for this. This application will have the following options on the home page: registration for a new donor and receiver, login for an existing donor as well as receiver and the basic information about how the different cate-gories of donor can access the different types of information on the application. Once a user logs into the system, he/she can get

access and perform certain search operations. In this system will make sure that every receiver or the available student is provided with a donation in some sort of the way they want. The donation to the student may be a great help to their future.

3 Relevance of the Project

Problem with current scenario:-

- a) Traditionally, the system is manually handled by citizen or a some organization by itself.
- b) All the documents need to be maintained in a file or folder.
- c) The documents may get misplaced anywhere.
- d) There can be misled of students.

4 OBJECTIVE &SCOPE

Load Balancing:

Since the system will be available only the admin logs in the amount of load on server will be limited to time period of admin access.

Easy Accessibility:

Records can be easily accessed and store and other information respectively.

User Friendly:

The system will be giving a very user friendly approach for all users.

Efficient and reliable:

Maintaining database on the server which will be accessible according the user requirement without any maintenance cost will be a very efficient as compared to storing all the citizen data on the spread sheet or in physically in the record books.

Easy maintenance:

Step to help is an android application which is handy in our cellphones. So use and maintenance is easy.

5 LITERATURE REVIEW

As we have heard there has been collection of funds and donations for various activities. People are coming forward for lot of support to these activities. There has been a need for money for the help a lot of needy. Form this technical paper "A Study of impact with donation of local Public Colleges Alumni" we learned about the need of education funds even in the country like Chi-na. The author has clearly mentioned the need of social funds for needy students for their higher education. To develop a coun-try all the people of that country should be educated. Like food, clothing and shelter education is also a basic need of every hu-man. Our project revolves around the subject about education for the needy students by giving a helping hand for their further studies or the basic education. This help can be in the form of funds or charity, giving them free coaching, helping them with books, stationary etc. The main objective behind this is to create a platform where there is a direct interaction between the donor and the receiver without any misguidance, corruption, cheating or fake fund gathering.

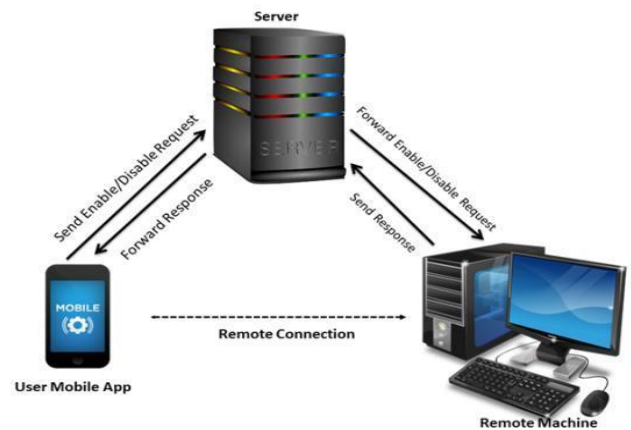
'Helping Hand' is an android application which was developed for the needy people of Bangladesh who lose their property due to natural or manmade disasters like flood, landslide etc. With the help of this application we have decided to develop an android application which will connect a needy student, who wants to pursue higher studies but due to some or the other reason they are not able to do so, with a right donor who is willing to help him/her. Our main reason to develop this android application is because day by day number of smart phone users has increased so through this application we can connect n number of needy students with a right donor. Main advantage of this application is that the amount of donation will be flexible and donation can be in the form of Money, Time, Books, and Tuitions etc.

There are many online shopping services such as amazon, flipkart, myntraetc they give enable users to donate to charitable organization. I got the idea from these shopping system and de-cided to develop and android application which are useful for the poor children who wants to go for the higher education (en-gineering ,doctoretc). it will be like Long-term care and support for student who are very good in study and they have goal. In our application there will be three parties 1. Student 2.donar 3.admin.

The student who are poor and not able to pay the fees and stationary so they can download the application which will be available on the play store and they can register themselves. After the registration the admin will verify the details of the stu-dent and decide the helping process. The donor who wants to help to the poor children they can download the application from the play store and register themself. They can decide whom he/ she want to help the available students onto the application.

6 SYSTEM DESIGN

6.1 System Block Diagram



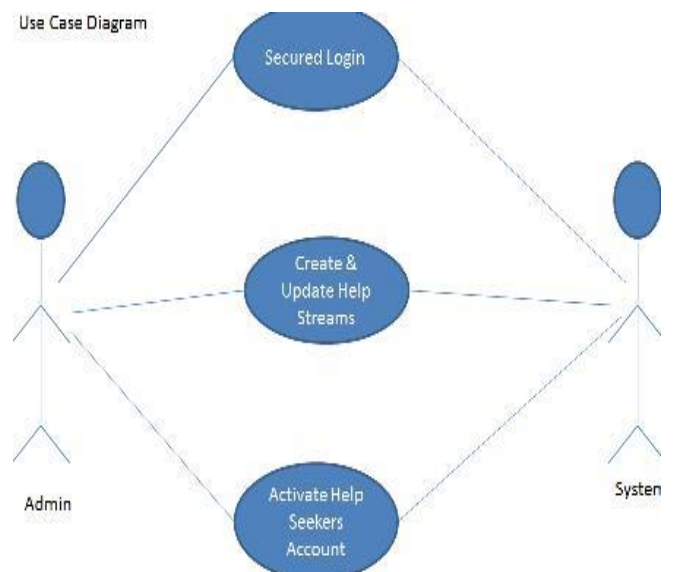
This is a diagram of a system in which the principal parts or functions are represented by blocks connected by lines that show the relationships of the blocks.

We are developing a system to help Education Donation. All those who are in of help can register on the website and those who are willing to help can register using an android smart phone. Our System mainly consist of 3 actors

1. Admin
2. Help Seeker (Student)
3. Helper (User / Donor)

6.2 Use Case Diagram

This use case diagram is a graphic depiction of the interactions among the users and the application of the system. The boundary defines the scope of the system.



6.3 MODULES

1. Admin:

Admin's terminal such as a desktop computer or a laptop, by using the system admin can log in to the sever. Admin can create streams for donation and set maximum limit for donation of each stream.

Admin can also activate or block Help Seekers account.

2. Help Seeker:

A help seeker's terminal such as a desktop computer or a laptop, by using the system help seeker can log in to the sever. Help Seeker can register into the system and request for the help required

3. Helper:

The helper has a smartphone, using which user / helper can register and login into the system. Helper can decide what help he / she wants to provide. Help can be provided in for on Money, Time or Kind. User / Helper can search for help seeker of liking and can help as required.

HARDWARE AND SOFTWARE REQUIREMENTS

Hardware Specifications:

MySQL Workbench requires a system that runs smoothly. The minimum hardware requirements are:

- CPU: 32-bit or 64-bit
- Cores: Single (Single Core 3GHz or higher, Dual Core 2GHz or higher recommended)
- RAM: 4 GB (6 GB or higher recommended)
- Graphic Accelerators: NVidia or ATI with support of OpenGL 2 or higher
- Display Resolution: 1280×1024 minimum (1920×1200 or higher recommended)

Software Specifications:

The software used for the development of the project is:

- Apple Mac OS X v10.6.1+ (32-bit/64-bit)
- Microsoft Windows 7 (32-bit/64-bit) or greater
- Fedora 15 (32-bit/64-bit)
- Oracle Linux 6 (32-bit/64-bit)
- Ubuntu 12.04 LTS (32-bit/64-bit) or greater

MySQL Workbench also has the following general requirements:

Requirements for Linux:

- The requirements for Linux are embedded within their respective packages. Use the platform specific tool (for example, yum or apt) to install the package and their dependencies.

Requirements for Microsoft Windows:

- Microsoft .NET 4.0 Framework
- Microsoft Visual C++ 2010 Redistributable Package (x86)

7 CONCLUSION

In this project, we presented the design and implementation of a mobile application called Step to Help. As we say food, clothing and shelter are the basic needs of human so is education the basic need for every individual. Education is must for the growth and development of an individual as well as our country, we provide here a platform where students can seek help for there higher studies so that they can fulfill their dreams. Right now millions of children are missing out on their right to an education. Due to this gap in right to education, we decided to go ahead with this project topic, where we can link a needy student with a right donor. We may not be able to help all the students but can become a small part for the fulfillment of dreams.

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