

**KULLIYYAH OF INFORMATION AND COMMUNICATION TECHNOLOGY**

**DEPARTMENT OF COMPUTER SCIENCE**

**INFO 2401 – System Analysis and Design**

**Semester 2, 2018/2019**

**Section:** 1

**Project Part 2: Documentation**

**Submission Date:** March 25, 2019

Name of the System : EduCharityGo

|  |  |
| --- | --- |
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1. [Summary of Response (Questionaires- Public)](https://docs.google.com/document/d/1xh0HP6-w2X2E62Bl5GYj4HFknry-jyQUgW3fgRqd7iU/edit#heading=h.gyafk6rk1sq4) **3**
2. [Summary of Response (Interview - NGO)](https://docs.google.com/document/d/1xh0HP6-w2X2E62Bl5GYj4HFknry-jyQUgW3fgRqd7iU/edit#heading=h.gyafk6rk1sq4) **3**
3. [Summary of Response (Interview - Teachers)](https://docs.google.com/document/d/1xh0HP6-w2X2E62Bl5GYj4HFknry-jyQUgW3fgRqd7iU/edit#heading=h.gyafk6rk1sq4) **3**

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**3.0 Data Collection**

This project consists two methods of data collection, which are questionnaires and interview to gather requirements. One set of questionnaire survey was conducted for public users, and two sets of interview questions were asked to one Non government Organization (NGO) called Life Makers Malaysia and teachers.

The respondent for this survey is not only within IIUM, but also involved wider area in Malaysia, as respondent can be anyone so long as they reside in Malaysia. Questions for questionaires were made through google form followed by distribution via WhatsApp and other social medias.

Interview was conducted by face-to-face conversation with a committee of the NGO and teachers.

The questionnaire method consist of three parts. First part is demographic-related information, Second part is related to the current system, and last part is about problem statement and prompt users to suggest for a better solution to the problem.

The first set of interview question was aiming for NGO and questions were consist of three parts, which are information about the NGO, information about the problem, and information about the system.

The Second set of interview was aiming for teachers.

**3.3.1 Data Collection Results**

For public questionnaire result (Refer to appendix B), there 101 respondents who completed the questionnaire.

For demographics information, 69% of respondents are female, half of the respondents aged below 20, and the majority of respondents are Malaysians, staying in urban area, a student as occupation and earning income below RM 1000.

For Identifying Problem part, most respondents are aware of that most students unable to acess school due to financial difficulties. 90% respondents believed that good textbooks and learning gadgets are important for education. Half respondents believed that good quality textbooks affect learning quality among poor children. And surprisingly a precise 100% respondents believed that high skilled teachers play a pivotal role in improving quality of education among poor children. Lastly, 50% of respondents had experienced in donating and volunteering for poor children’s education.

For the last part, which is the System features, majority of respondents are interested in joining volunteering program, donate, given options for donating money or gadget, and given specific donation receiver through the proposed system.

As For the result of interview with NGO, the name of the NGO is Life Makers Malaysia. Their targeted people are mainly muslims and their program is involving donation of education materials, Ramadhan aid and money. According to Life Makers, materials does not heavily impact student’s performance. Qualified teachers is. Life Makers think that EduCharityGo is very effective for handling the problem and they are suggesting for building relationship with many schools, wise in choosing donation receiver, simplify the website for wider users scope, provide website with multiple languages, allow website to open for advertisement platform and include users guide on how to donate or volunteer.

Therefore, based on the result from the respondents, the researchers conclude that the system of the website will be a user-friendly interface, easy to understand, provided in some languages that are mainly spoken in Malaysia, provide users guideline to demonstrate how the system works, places options for volunteering, and places or individual details of donation receivers.

1. **Summary of Response (Questionaires- Public)**
2. **Summary of Response (Interview – NGO)**

Name of NGO : Life makers Malaysia

I. About life makers:

a. Targeted people: needy people, mainly Muslims

b. Region: Malaysia and other destructed countries

c. Donated materials: mainly money + education materials

d. Programs:

- EducAid: donation of education materials

- Ramadan Aid: donation of main ingredients by the money received from

Ramadan Bazar

- When crisis happens: send donated money to organizations that can access

affected people

e. Experience:

- Harsh efforts yet relief after achievement (The happiness that you see in the

faces of the needy after donation lets you forget all the hard work you’ve done)

* Communicate with organizations that can access needy people, send to them

donated money, then org buy with it materials such as medicine, clothes, food…

and deliver them to needy people

* Collect education material from people, as well as money, and deliver them to

poor schools

II. About Problem – lack of materials and qualified teachers:

a. Materials doesn’t have a great effect on the students’ performance

b. Qualified teachers play a great role in the students’ performance. Some qualities that

should be in a teacher:

* Ability to deliver the knowledge efficiently
* Takes the responsibility even though he’s teaching for free
* Ability to understand the weakness of the students and how to solve their life

Problems

* Not only teach them but also raise their morals
* Skilled in what he teaches

c. Limitations:

* Difficulty to measure the honesty of needy people – Solutions:
* Needs follow-up after donation
* Prioritize the proposed materials wanted
* Some places don’t allow you to receive donations
* Unavailability of staff due to other responsibilities (in case of volunteer

students)

* Weakening of passion throughout time
* Commitment with the organization after agreement

d. Focus on:

* Integrity of the charity organization – reporting to donators the results of their

donations (i.e.: capture images from time to time for donated materials/ allow

donators to visit schools whom they donated to)

* Link all parties involved in the donation process
* Collectors
* Donators
* Needy – school and children
* Motivate staff from time to time so that they don’t lose their passion
* Secure all donated money – honesty of person in charge of collecting donation

III. About EduCharityGo:

a. Effectiveness: very effective

* Build more relationships with many schools
* Wisely choose people you’ll donate to
* Establish a policy for administrating this project
* Interview and search more information from experienced people in this field

b. Usage: yes

* A goal can be achieved by many ways

c. Suggested features:

* Filter applicants for teaching to make sure that they are qualified by conducting

interviews, skill tests, …

* Simplify the website so that all categories of people can use
* Include How To Use? to guide users for donation process
* Allow donators to track their materials after donation via pictures or videos
* Provide the website with multiple languages

IV. Additions:

a. Distribution of a website might not be as fast as application, so work on advertisment

b. Allow related businesses to use EduCharityGo as an advertisement platform

c. Focus mainly on linking the donators, collectors, and targets together to increase

EduCharityGo’s Integrity

1. **Summary of Response (Interview – teachers)**