

# How to minimize the distance between wealthy and poor people using online platform

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**Abstract**— World is like a bird nest. Where every creation is hungry for something which they do not know will get or not. Some of them can get the desired thing someone not. This planet is also too small so that anyone can reach anyone with just a click in World Wide Web. We implement a system which can do all the necessary tricks to make a bridge between poor and wealthy people. This is a mobile platform base system that can help people independently without needing any middleman. Thus will lead everyone to come forward and help the peoples who will need help directly using location service. Our system have positive influences in the initial testing phases among the users.

**Index Terms**— Poverty, Social Help, Discrimination, Childhood Poverty, Social Platform

## 1. INTRODUCTION

THERE are 7.53 billion people are living [1] in our world.

But unfortunately, not all of them actually living but to be exact struggling so hard to be alive. It is not the fault of poor people neither of wealthy people. Let's talk about some real stats. About 736 million people live below extreme poverty line which is approximately one tenth of total population of this world [2]. Actually, it is huge number and really unfortunate. It is not the end about eight percent of world worker lives only on about 1.9\$ person per day. It's horrible and a very hurtful truth. Not only that, every 5 seconds, there is dying one child under the age of 15 because of poverty [3]. That means if you are reading this paper from the beginning already 17 children dead and just now another child has been going to die. Like that, much more bad truths lying around us. But very easily this can be minimized and might be solved. It is not hard to reduce this global problem locally or personally. Yes, we can solve this problem just by taking a step from our side alone. Though poverty is not at extreme level in all countries. In Europe, North America, and Australia there is fewer than 10% of poverty- affected people. As a result, we found from a survey, South East Asia and the South America region have a much higher poverty rate than 10%. So, it is easy to say that country like Bangladesh, Indonesia, Africa, India, Zimbabwe, Ghana,

Chad, Ethiopia, Afghanistan, and Myanmar are more likely suffering from it. From the graph we can see that lowest 20 countries. In the figure 1, we can clearly see how miserable and hard life is becoming for them to live for the people of these countries as we all know that GDP is just an average. Though some countries are improving financially and reducing the poverty rate, still it is a very slow process. It can be faster if we do not depend on the government only but if we also come forward to help.

## 2. MOTIVATION AND INSPIRATION

If we look just outside of our home, we will find motivation. There are at least five people (approx.) in every square kilometer, without any food, clothes, security, and even without anything. Many of them suffer from several diseases and die without any treatment only because of a few dollars. It is not possible to help them without losing a large amount of money but maximum people do not want to help them.

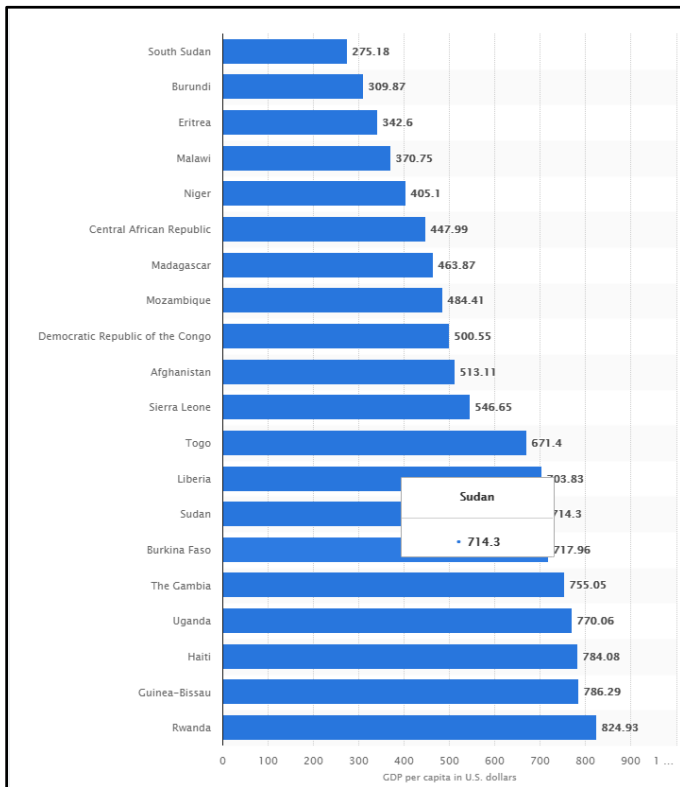


Fig 1: <https://www.statista.com/>

However, there are some people who want to help them but there is no such way by which they can help them who really need help. Our main motivation was the fact that there are two people in ten who want to help but they cannot reach. So, if it is possible to make a way or platform which will minimize that distance and bring them closer and notify them then it will be very easy for them to help people. Each day people who are living below the poverty line and suffering from lack of necessity are still fighting to stay alive each day. That is the inspiration and that's all we need to keep us motivated.

### 3. RELATED STUDY

When we started this project, our goal was to dig deep to find research works on this topic. But there is no such approach were implemented the use of social platforms to reduce poverty. But some papers on poverty, childhood poverty and food wasting is really helpful. Those papers really helped to solve this problem more meaningfully. Greg Duncan (1997) states that family income and poor family circumstances directly affect childhood. Family income

largely influences children ability and the achievements in their future [7]. He also said that children's who lives below extreme poverty line might not able to success in their life and it might lead them to uncompleted study and drop outs. Because of low income their health nutrition also effect greatly which decrease their lifetime significantly.

### 4. REASONS AND FACTOR

There is no such big factor that controls and reduces this problem but there are many minor connected factors that help to decrease poverty affected people. We will only look at the factors which we can control and solve.

1. Family economics: In 2006 Ludwig and Sawhill summarized that family economics really affects the children and leads them to poverty [4]. As they receive fewer opportunities to do something and improve themselves. As a result, this cycle continues for further generations. So poor people remain poor from generation to generation because of it as there is no such a way their next generation will not able to pave the way for them though they really do struggle so hard for their life so that they can make it.
2. Childhood poverty: Already in factor number one we told the beginning of childhood poverty. Corcoran (2001) it's about 24% of poverty rate who raised from a poor childhood and only 7% who raised from non- poor families. So we can say that how closely is connected to poverty and poor childhood [5]. But these children have no fault about this because they cannot control which family they will be born to. This poverty not only comes with problems for them but also it brings hazards to our country. Because this poverty leads them to crime which sometimes ended up with big crimes.
3. Communication: There are some people who want to help others and there are some people who needs it. But main issue here is they do not know that and there is no communication between them. But it is very easy to solve by creating such a platform where they can know whom to help and where.
4. Outdated skills: This factor also increasing the poverty rate day by day. Because day by day this world replaces gold through gaining new technology. In this situation, people who are associated with these old technology are losing their jobs and unable to get another. That leads their family to poverty and then our factor numbers 1 and 2 strikes hard on them which leads their next generation to poverty.
5. Misuse and Waste: FAO estimated that 1/3rd of

world food getting wasted every year. Let's calculate from the data we have. Suppose X is one-tenth of the population who suffers from poverty. We are losing Y tons of food which is 1/3rd. So from this, we are wasting 3.3 Y ton which can be feed to 3/10th of the population and the only 1/10th are suffering from extreme poverty. So, we should just stop wasting food which could stop this poverty - affected people's food problems for the betterment. But people cannot help them to stop wasting food because it is not possible for them to deliver this extra food to the people who need it. It also can be solved via a platform and we will talk about it.

- Disability and age: We talked about people who are poor but there are many poor people who cannot even try to earn because of disability and their age. Which leads them to beg. Thousands of poor people are begging around the city every day just to earn their daily food cost. Many of them are sleeping on the footpath (side of the street) and eating whatever they get. Many of them suffer from cold where neighbors have extra cloth and some of them want to give them. But they do not know who needs those clothes.

## 5. APPROCAH

We have described the factors. Now it is time to solve the problems and factors that have been identified. If we really notice at factors numbers 3, 5, and 6 it is really possible to help them easily but we need a medium for it. So a platform is needed where that will be controlled and managed by an organization where people will able to send help and the organization will receive it. Then they will able to send the materials to the poor people who need it most. It is exactly what we only need to help the poor people who are affected by factors 3, 5, and 6. So we decided to implement this exact method by creating a social helping platform. Let's think about an example, suppose you have observed your 25th birthday ceremony. After the ending of this ceremony, you still have about 20 person's food. But you are so helpless that you have to throw it out because you do not know how to give these foods to anyone. In this situation, you found an application where you can post it and they can pick it up. After picking it they will feed the hungry people on the street. Problem 3 and 5 are solved. Let's think about another example, you are walking through not have anything to do at that moment. Now if you have a platform where you can post about him so that someone will come and help him. How nice that event would be! The ways those are described above are the approaches we took steps to solve this problem. With the help of an online platform, it is easily possible and effective. Our methodology of implementing is very simple and will be described further in this report.

## 6. METHODOLOGY

As our target is to solve the problem with the help of an

online platform so we choose to make a mobile application. At present about 3.5 Billion People which means about 45% of people use smartphones [6]. So the easiest and effective way of reaching and connecting people is smartphones. Our main goal is to create a platform where we can specifically solve the problems where without any cost users can be engaged in. Because this might increase participation.

After doing some surveys and research on this field we found some data given below:

TABLE 1  
 DATA COLLECTED FROM ABOUT 90 PEOPLE  
 (MENDICANT) IN 20SQ KM AREA OF  
 DHAKA

	Facts	Men	Women
Reason of begging	age	47%	60%
	disability	40%	30%
Permanence	yes	~90%	~90%
	no	~10%	~10%
Personal address	yes	~90%	~80%
	no	~10%	~20%

From this data in table 1, we got the basic idea of developing our project. As it is clear from table 1, the maximum poor people are forced to do beg on the street. Age and disability compel 90% of the beggars to beg. So there are no such other ways to help them directly. Through giving those jobs or employment opportunities will not be the best solution for them as they won't able to work for their disability and age factor.

Our first method was creating a posting system. Where a person will able to help someone just by posting. Let clear with an example. Suppose you are going from one city to another and you spot a poor woman who is suffering from extreme cold. You have not anything to help her. But if you post her with her personal information and address anyone might able to help her who lives near her. That's how you can help without engaging yourself much and without costing a penny.

The second option is to be considered to select a problem

which is related to a waste of food or anything like old clothes, medicines, etc. By creating an option where people will be able to send requests for extra food or clothes. Then the organization which runs the platform will pick these materials from their home and will deliver it to the poor people who need it most.

Or it can be an organization that will pick up requests and deliver things to the people who need help by using this app. It will reduce the waste of things and help others with these things which would become useful anyway. As childhood poverty is also a core reason for this problem so that also needs to be considered. The main problem for childhood poverty is education. So the third method added to our platform was the student fund where people will be able to give donations to a group of students. The money will be used for their study expenses. In that way, we can help the number 1 and 2 factors and reduce it remarkably. Because of it poor children will be able to continue their studies and can build their life beautifully. So the generation to generation poverty cycle can be stopped. Implementation Process :

Because of being a mobile platform, it will be much easier to reach more people's communities and groups. Why we should use a mobile platform and why not, let's talk about these.

TABLE 2.1

PLATFORM COMPARISON

Total User	43	57
Platform	Desktop	Mobile+Tablet

TABLE: 2.2

MOBILE PLATFORM COMPARISON

Total User	71%	29%
Platform	Android	iOS

From table 2.1, we can clearly see that about 57% of internet users use the internet from mobile. So it is clear that the best way to reach them is by using a mobile platform.

Again from table 2.2, we can clearly see that about 71% of

users use android and 29% iOS. So the best way of engaging people in these platforms will be a mobile platform.

## 7. EXPECTED OUTCOME

A social helping platform will greatly help underdeveloped and developing countries to overcome poverty problems.

Expected outcomes area:

- Less poor people will suffer from basic needs around our neighbors.
- Much participation of people in social work.
- Proper distribution of donation.
- More ways of helping people will engage more people in social work.
- A community of good humans will be engaged in good work.
- Less unexpected death of poor people on street.
- It will increase trust among people and humanity.
- This platform will bring people closer and will engage them in bigger projects.
- More social projects and events will reduce begging.

## 8. CONCLUSION

In this modern world, everything happens online. Such as shopping, banking, investing, social gossip. So an online platform for helping people which will help all categories of people greatly for engaging themselves in helping others. As from statistics we can clearly define that if all wealthy people come forward to help them there will be no poverty. A social platform will act as a bridge between poor and wealthy people which will help them to help poor and needy people around their neighbors. This will lead to a global victory for us because it will greatly reduce poverty-related problems. A good community with goodwill will just not help us to get rid of poverty problems but also will bring many ways of reducing poverty and increasing humanity. Thus it will really make beautiful this world for everyone.

## 9 CONFLICT OF INTEREST

The authors declare that they have no conflict of interest.

## REFERENCE

- [1]. United Nations 2015, Poverty Facts and Figures, Viewed on February 5 2020, < [https://www.un.org/en/sections/issuesdepth/pove\\_rty/](https://www.un.org/en/sections/issuesdepth/pove_rty/)>
- [2]. World Health Organization 2017, Child Death Rate, Viewed on February 14 2020, < <https://www.who.int/news-room/detail/18-092018-a-child-under-15-dies-every-5-seconds-around-the-world->>
- [3]. USA Today 2019, Twenty five Poorest country, Viewed on February 13 2020, <https://www.usatoday.com/story/money/2019/07/07/afghanistan-madagascar-malawi-poorestcountries-in-the-world/39636131/>
- [4]. Harry J. Holzer, Diane Whitmore Schanzenbach, Greg J. Duncan, Jens Ludwig, " The Economic Costs of Poverty in the United States: Subsequent Effects of Children Growing up Poor", <https://www.irp.wisc.edu/publications/dps/pdfs/dp132707.pdf>
- [5]. Corcoran, Mary, and Terry Adams. 1997. "Race, Sex, and the Intergenerational Transmission of Poverty."
- [6]. Bankmycell 2020, Mobile User Statistics, Viewed on March 1 2020, <<https://www.bankmycell.com/blog/how-many-phones-are-in-the-world/>>
- [7]. Greg Duncan, "The effects of Poverty on Children", [https://www.researchgate.net/publication/13921271\\_The\\_Effects\\_of\\_Poverty\\_on\\_Children](https://www.researchgate.net/publication/13921271_The_Effects_of_Poverty_on_Children)
- [8]. Statcounterl 2020, Mobile Operating System Market Share Worldwide, Viewed on March 25 2020, <https://gs.statcounter.com/osmarket-share/mobile/worldwide>
- [9]. Statcounterl 2020, Operating System Market Share Worldwide, Viewed on March 25 2020, < <https://gs.statcounter.com/os-market-share>>

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