**Software Tools:**

Frontend: HTML 5, CSS3, Bootstrap

Backend: PHP and Laravel

Database: MySQL database

**Target Population:**

Our System work for all citizens of Bangladesh. All Bangladeshi people will get an advantage from our system.

**How Our System is Different:**

Now a days, there are also many telemedicine systems. For examples, Evercare Hospital Dhaka (Former Apollo Hospital Dhaka) also provides telemedicine system to the patients. But in reality, there are also many bugs in their telemedicine system. Sometimes, their system hang. Then in many cases, doctors are unable to listen patient’s voice and see patient’s face clearly in the video call. But we will try to make our telemedicine system suitable to all the patients where doctors and patients can see each other’s face clearly and listen clearly. Another example of telemedicine site is sebaghar. But in sebaghar website, there are many unnecessary add. But our telemedicine website will be completely add free.

**Sustainability:**

Different healthcare organizations should establish different objectives and to be strategic about modern technologies and realize financial risk and make suitable metrics on performance in order to ensure the telemedicine program as financially sustainable. [1]. In real world, there are actually many incidents where provision of telemedicine is driven as profit making system, but still in almost all the countries, telemedicine is considered as public service. It is also very much important to extend telemedicine service to the rural and remote areas in the developing countries in the world. As there are many benefits and advantages of this telemedicine service, we should also consider the sustainability and cost effectiveness of this telemedicine system. [2]. As the telemedicine system has been moved in mainstream, the healthcare leaders always try to maintain better quality with lowering the cost. [1]. Therefore, we need to make our telemedicine website as sustainable as possible with minimizing the cost and having better quality.

**Income Generation:**

Doctor and admin (System provider) are will benefited (making money) by our system. There are two types of revenue a telemedicine platform can help provide, immediate and downstream revenue, and luckily the both happen simultaneously once you’ve deployed an on-demand virtual care service. A telemedicine platform used for any type of visit (primary care, urgent, inpatient, etc.) contributes to immediate revenue through the cost per visit, just like a normal in-person visit.

**Financial support for future extension:**

In order to employ more person, we need to have financial support for future extension.

**How people will benefit:**

People will be benefited by our system. Patients can get treatment at home. Patients can address healthcare issues quickly with real-time urgent care consultations and learn about treatment options within minutes.

**Risk Analysis:**

In order to make our system we will face many problems. Most of the time we will face these problems are:

* API unavailability
* Bugs
* Employees may not contribute properly

**Poverty Relevance:**

As we will make telemedicine system as very cheap for the rural people, it will definitely reduce poverty in Bangladesh.

**Value For Money:**

Our telemedicine system will be definitely value for money as doctors will earn money from our telemedicine system.

**How underprivileged women and disabled person will be benefited:**

Underprivileged women anddisabled person will be benefited by our system. Thus, they will get appointment and treatment by our system.

**Environmental effect:**

As our telemedicine website is a software, so, it has no effect on environment.

**Future Scope:**

In future our system will uses widely. Currently, we are developing our telemedicine website in English version. But in rural areas, many people don’t know English too much. Then they need help of someone who understand both English and Bangla. But if we can make the Bangla version of Telemedicine website, then they can easily get the help of doctor in emergency as they can easily use this website. Also, we can make an android app of our telemedicine system so that rural people can easily use this app in smartphone.

**Conclusion:**

Compared with hospitalization, home telemedicine has several advantages. It promotes more efficient use of healthcare facilities, thereby saving costs, and patients tend to recover faster at home.

**Reference:**

1. K. Wagner, Building Sustainable Telehealth Program, [online], available

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