

Project Idea submission

1. Group No & Members' Information

Group Number- 06

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2. Project Title

Integrating all Bangladesh e-government databases

3. Introduction

In 2009, the Government of Bangladesh set out an ambitious “Digital Bangladesh” agenda, which aims to transform the country into a digitally developed nation. The government has been working on different e-government initiatives to improve efficiency in public service delivery. In order to provide better service to the citizens, the government has taken certain initiatives to make services available through online portals. They have established a national web portal, combining all government official websites. General people now can submit their applications through these online portals to get necessary public services.

The absence of a more integrated approach towards IT adoption across Government of Bangladesh has resulted in limited coordination and avoidable duplication across agencies in the public sector, and between the government and the private sector. Almost all government services are now available through online portals. But these portals are all managed by their own separate databases. Since the information of one person is spread throughout separate unlinked databases, errors in ones’ personal information happen regularly, for example, same person has different spellings in their names in different government documents (e.g. birth certificate and NID); and as a result, verifying ones’ identity becomes difficult at times. So, if all government databases could be integrated into a single database, these information errors would decrease and the hassle of general public would decrease.

4. Objectives of the project

To integrate all government databases into one single database, so that the same person doesn’t have different kinds of information (e.g. different spellings of their name, or parents’ name etc.) in different databases; and verifying ones’ identity and updating wrong information in government documents becomes easier.

5. Tools needed (Software)

- HTML & CSS for frontend
- DJANGO for backend
- XAMPP for database

6. Features of the project

- Centralized database
- Simple UI
- All information of Bangladeshi citizens under one platform
- All services provided by Bangladeshi government under one platform
- Emergency help

7. Conclusion

In the traditional form of public administration, service delivery is encircled with paper based long procedures that makes the citizens dissatisfied with the services because of several problems such as long lines outside the government offices, having to bribe the officials to get paperwork's done in time, and having to go to different locations of the different government offices to get a small job done. Since the government of Bangladesh has taken initiative to digitalize the public service sector, the general public can get a lot of government services from their homes without the need to make rounds at government offices. But there are a few issues that still need addressing. Since all of these government portals are separately managed and are not connected, duplicate information and also different information of the same person exists in different databases. So, if all government services are assimilated under a single online portal, and if all information of the citizens are stored under one single database, identity verification and document authentication would become much easier. The chances of error in government documents would decrease and updating information in government documents would become much easier.