**Web Development Project**

**Project Name:** Protibeshi (Neighbourhood)

**Project Description:** Amar Protibeshi or Neighbourhood will help to create bond among the Neighbours. Generally in villages, people can seek help and get help from their Neighbourhood very easily. But in towns or matropolitan city like Dhaka It’s not easier like the village what we have experienced in our real life. The residents feel hesitation to ask for help to their neighbour. This app will help residents living in a residential building to communicate, seek and get help from their Neighbours living in another flat. Residents in Dhaka often change their flat and It’s not easier to make easy communication with other residents in a building.Most commonly they can make communication with their neighbour, flat beside their flat. Making communication with other flat members is not easier, someone may feel hesitation to meet face to face and ask for help to other flat members directly. Using the Amar Protibeshi app will help to reduce the hesitation of asking help. Whenever somone need help they can just make a post what they need. Other flat members will get a notification or as message. Help like asking for any tools and items like screw drivers, hardware, kitchen items, books, sotwares etc. If a neighbour cooked food and they have extra which could be wasted they can offer other neighbour the cooked items. Some of them want to sell an items It will be easier for them if they find customers amonng the flat members. Better than hanging a poster in ground floor or selling online. The caretaker or guard of the builidng can also use the app to communicate with the flat members when necessary. He can notify the flat members when their Gas meter balance or Electric balance near to finish. He can instantly communicates and send photos to flat members about stranger who wants to enter referring flat no. It will be helpful to restrict unknown person to enter the building.

**Project Functional Requirements (Features):**

1) Members Sign up or registration using Road No,

House No, Residential Area.

2) Instant Messaging with text and photo, Notifications.

3) Create post for asking help, offer items.

4) Members Login

5)

**Development Tools: (Web/Android)**

**Front End:** HTML, CSS and JS

**Back End:** PHP/Python/Fultter

**Database:** MySQL/MongoDB

Software Functions:

1. **Chat box** (Text and Photos)
2. **Create Post** (Text and Photos)
3. **Guard Message to flat.** (Gas, Electric Balance) (shown to notification)
4. Flat Owner Message to Flat Member
5. Buy and Sell as Feed. (shown to notification)
6. Urgent Help (As Pop up Notification and Urgent Icon Highlight) (to notification or urgent help)
7. Sign up (User Name, Email, Mobile, Password, Area: Rupnagar (Choice Option), Road No: 12, Basa No: 5, Floor No, Flat No. )
8. Login (Email/Mobile, Password)
9. QR Code, Short URL to direct communication just using User Name, Email/Phone No:, Password, Floor, Flat No,

**UI Design:**

1. Sign Up: (User Name, Email/Mobile, Password, Area:(No Box(Option)), Road No: House No:, Floor No:, Flat No.)
2. Login Page: (Email/Mobile No, Password)
3. Main Menu/Dashboard: (**Chat Box Icon**,**Creat Post Icon**, **Message Icon**, Buy and Sell Icon, Urgent Help Icon, **Feed Icon**, **Notification**)
4. Chat Box Design:
5. Message Box Design:
6. Notification bar design:

Use Case Diagram:

Actor: 1) Flat Members

2) Guard

3) Owner

Actions:

1. Sign Up
2. Sign In
3. Send Message
4. Create Post
5. Notification
6. Feed

Customized Limited Work:

Guard Message as Notification,

Owner Message as Notification,

Guard registation,

Owner registation,

Log on as Guard, As owner