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**Project name:** Profileplex Messenger

**Type :** Web based chat application (Messenger)

**Tag line** **:** Stay connected, whenever.

**Slogan :** Free and secure messaging to anyone from anywhere.

**Languages used:**

* **Front end**
  + HTML5
  + CSS3
  + jQuery
  + AJAX
* **Back end**
  + PHP (Codeigniter Framework)
  + SQL
* **Database**
  + MySQL

**Design Specification:**

|  |  |
| --- | --- |
| **Property** | **Value** |
| Primary color | #127af1 |
| Secondary color | #ffffff (White) |
| Background color | #f9f9f9 |
| Font family | Roboto, Arial, Sans-serif |

**Pages:**

1. landing.php (Landing page when logged out)
2. login.php (Log in page)
3. logout.php (Log out page)
4. signup.php (Create account page)
5. password\_reset.php (Forgot password page)
6. messages.php (Chat page when logged in)

**Functionalities:**

* **Before log in**
  + Quick and easy sign up (Create account)
    - With google reCAPTCHA V2
  + One time login
  + Recover password (If you forgot your password)
  + Email verification
* **After log in**
  + **User**
    - Search users
    - Display user’s status (Online, Last seen)
    - Get notify when user sends message
    - View profile
      * Profile photo
      * Username
      * Current status
      * Bio
      * Location
      * Website
      * Social media account links
      * Shared media
    - Edit Profile
    - Account settings
    - Delete, Report, Block, Add to favourite, Mute user
  + **Chat**
    - Instant messaging
    - Emojis
    - Media sharing
      * Photos (.jpg, .jpeg, .png, .gif) - 10 photos at a time
      * Video (.mp4, .wmv, .mkv) - max. size 100MB
      * Audio (.mp3) - max. size 16MB
      * Document(.pdf, .xlsx, .docx, .ppt, .zip, .rar) – max. size 16MB
    - Edit, Delete, Forward, Reply, Star, Copy message
    - ‘user is typing’ message while user is typing
* **Others** 
  + Dark mode/Light mode
  + Multilingual website
    - English US
    - Gujarati
    - Hindi