North East University Bangladesh

Department of Computer Science and Engineering

Spring 2022

Course Code: CSE 300 Course Title: Project Work 2

**1) Basic Information:**

|  |  |  |
| --- | --- | --- |
| **Group Details** | **Student ID** | **Student Name** |
| 190103020028 | Eftakhar Ahmed Arnob |
| 190103020026 | Ehtimam Rashed Chowdhury |
| 190203020101 | Farzana Rahman |
| **Project Title** | ReachMe – More Than A Social Media | |

**2) User Roles:**

|  |  |
| --- | --- |
| **User Types** | **Description** |
| Unregistered User | An unregistered user can’t view or interact with private of privacy selected contents. But he can only view public contents like photos, videos, posts etc. without interaction. Along with that some user only features will be unavailable for him. |
| Registered User | Can access almost all contents and features like creating post, uploading video, uploading photo, Up vote – Down vote and comment on contents, send – receive friend requests, message with other users, creating pages, report contents if something seems inappropriate to him etc. |
| Verified User | When a registered user meets the criteria of becoming a verified user, he can submit required documents to the authority (Super Admin) for his profile verification. If Super Admin approves the documents, then he becomes an Officially Verified User. Advantage of being a verified user is that, his profile and contents will contain a signature of authentication badge. |
| Moderator | User reported contents are firstly submitted to moderators. Moderators have the privilege to judge user reported contents or any contents of the platform. And if they find any inappropriate thing, they can delete the entire content. If a user keeps posting inappropriate contents, moderator can submit a “Account Restriction Request” to the admin against the user. If a moderator fails to judge a content, he can post a “Judgement Token” of that content to the admin. |
| Admin | An Admin have all privileges of a moderator. Along with that Admins have the additional privilege to delete, edit, or modify part of the user content or the full content if needed. Based on “Account Restriction Request” from moderator, he can also restrict user accounts or delete/ban the user from site. If an admin fails to make decision, he can submit a “Admin Request” about the problem to the Super Admin. Also an admin can create new moderators for the site and promote user contents. |
| Super Admin | Super Admin have all privileges of an admin along with that he can create new admin, moderators for the site. Super Admin’s another most significant role is to verify a registered user account. Verification here does not mean email verification or anything like that. Super Admin can verify user accounts based on their submitted document, if he finds these documents right then he can give the user an “Officially Verified User Badge” and it will be shown on their profile and posts as a signature of authentication. Note: Giving such a verification means the entire site is partially responsible if a verified user posts something inappropriate. |

**3) User Story Planning:**

|  |  |  |  |
| --- | --- | --- | --- |
| **Task Number** | **User Stories** | **Responsible** | **Deadlines** |
| A - 2 | A user can create a disaster alert. After being approved by moderators or admins, the alert will be pushed as a notification to all users who lives in the nearest area. |  |  |
|  | A user can create a blood seeking post, other users with the required blood group who lives in a specific range to the seeking user, will get an alert notification. |  |  |
|  | A registered user can’t login until he verifies his email address by clicking the verification link that sent to his email after he registered. |  |  |
|  | An unregistered user can only view public contents and can’t interact with anything in the website. |  |  |
|  | A user can send friend request to another user or can receive friend requests from others. By accepting friend request, they can add each other to their friend list. |  |  |
|  | A user can send text messages to another user when the receiver is in his friend list. |  |  |
|  | A user can interact with another user’s content via up vote, down vote, comment etc. |  |  |
|  | A user can register for an account with a valid email address. After verifying the email address with the provided link, he will be able to login to the created account. |  |  |
|  | The homepage of the site will contain latest public contents along with a pop up for logging in or registering an account. After logging in, the homepage will show personalized contents for the user. |  |  |
|  | A user can search for a content with proper keywords from the search bar situated on the upper-left corner of the homepage header. |  |  |
|  | A user can navigate to different type of contents using the navigation menu situated on the middle of the homepage header. |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |

**4) The Product Backlog:**

|  |  |  |
| --- | --- | --- |
| **Story Number** | **User Story** | **Acceptance Tests** |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |

**5) The Sprint Backlog:**

|  |  |  |
| --- | --- | --- |
| **Story Number** | **User Story** | **Sprint Items** |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |