Main modules

* + Registration form
  + Login form
  + Post creation form
  + Home view
  + Own post list
  + Friend list

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **User ID** | **User name** | **DOB** | **Email** | **Phone** | **Address** | **School/College** | **Work** |
| ID | Char field | Date field | Email field | Phone field | Text  field | Text field | Text field |
|  |  |  |  |  |  |  |  |

User list table (Data types are Django’s model's data type)

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | User A | User B | User C | User D | User E |
| User A | 1 | 1 | 0 | 0 | 1 |
| User B | 1 | 1 | 0 | 1 | 1 |
| User C | 0 | 0 | 1 | 1 | 0 |
| User D | 0 | 1 | 1 | 1 | 1 |
| User E | 1 | 1 | 0 | 1 | 1 |

Friend table

Post table

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Post id** | **Post heading** | **Post text** | **Post image** | **Author** | **Likes count** |
| ID | Char field | Text field | Image field | ID | Integer field |
|  |  | (optional) | (optional) | (auto assign) | Initial value = 0 |