# **Database Schema**

**User**

|  |  |  |
| --- | --- | --- |
| **Field Name** | **Data Type** | **Description** |
| **UID** | Int (auto increment) – Primary Key | User ID |
| **Username** | Varchar(255) | Username of the account |
| **Password** | Varchar(255) | Password of the account |
| **IsAdmin** | Boolean | Whether this user is admin |

**Moment**

|  |  |  |
| --- | --- | --- |
| **Field Name** | **Data Type** | **Description** |
| **MomentID** | Int (auto increment) – Primary Key | Moment ID |
| **ImageURL** | Varchar(255) | Image file associated with the moment |
| **Description** | Varchar(255) | Description of the moment |
| **UID** | Int – Foreign Key | UID for user who post the moment |

**Comment**

|  |  |  |
| --- | --- | --- |
| **Field Name** | **Data Type** | **Description** |
| **CommentID** | Int (auto increment) – Primary Key | ID of the comment |
| **MomentID** | Int – Foreign Key | Moment where this comment is posted |
| **UID** | Int – Foreign Key | User who posted this comment |
| **Content** | Varchar(255) | Content of the comment |

Estimated Time:

Index page: 5 hours

Login/Registration page: 1 hour

Server: 1 min

Servlet: 3 hours

# **Actual Time**

Index page:

Login/Registration page:

Manager page:

Server:

Servlet: