# CS50 Project-4 Network Models

Purpose of Database

To store the user accounts, interactions and posts for a social media website like kind of like Twitter.

What data will be stored?

* **User** – Details about the user i.e., fname, surname, Picture, email, password
* **Post** – Details about users posts i.e., Content, likes, date, author, edit date.
* **Follower** – Details about a user’s followers i.e., user, follower

|  |  |
| --- | --- |
| **User** | |
| fname | CharField |
| surname | CharField |
| username | CharField |
| email | EmailField |
| password | CharField |
| picture | ImageField |

|  |  |
| --- | --- |
| **Post** | |
| content | CharField |
| likes | IntegerField |
| date | DateField |
| author | ForeignKey |

|  |  |
| --- | --- |
| **Follower** | |
| user | OnetoOneField |
| follower | ForeignKey |

Database Table Relationships

* A user has MANY posts.
* A user has MANY followers.

https://www.macronimous.com/resources/articles/web-development-life-cycle