**Milestone 3: Database  10/28/16**

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Database tool:
MySQL

<u>User Table</u>
ID
Username
Password
Time user joined
Email Address
Image ID (relation to Image table)
Caption ID (relation to Caption table)

<u>Image Table</u>
ID
Time
Image url (points to where the image is actually stored)
User ID (relation to user table)
Caption ID(relation to caption table)

<u>Caption Table</u>
ID
Caption date/time added
User ID  (Relationship to the *User Table*)
Image ID (Relationship to the *Image Table*)
Score
Likes

<u>Data contained in tables</u>
Currently the data contained in these tables will be just our group members. So each of us have an image we uploaded as well as a caption and corresponding user account. The amount of data will ultimately depend on the size of the user base and how active they are. For example a user can upload upload images and have multiple captions. A caption can only correspond to

one image and one user. Finally an image can have multiple users each with their own caption. So it depends on activity of our users.