**DOMAIN:** Social Networking Site – Website

**ENTITIES**

1. USERS
2. PAGES
3. PAGELIKES
4. FRIENDS
5. POSTS
6. POSTLIKES
7. PHOTOS
8. VIDEOS
9. SHARES
10. COMMENTS
11. COMMENTLIKES

**ATTRIBUTES AND DATA TYPES**

**USERS**

1. userID (Integer) (PrimaryKey): Unique identifier of the user.
2. firstName (String): First name of the user.
3. lastName (String): Last name of the user.
4. school (String): Name of the school.
5. address (String): Address of the user.
6. Email (String): Email of the user.
7. phoneNumber (Integer): Phone number of the user.
8. location (String): Location of the user.
9. dob (Date/Time): Date and time of the user login or signup.
10. gender (String): Specific gender of the user.

**PAGES**

1. pageID (Integer) (PrimaryKey): The page identification of the user.
2. pageName (String): Page name of the user.
3. pageContent (Text): Content of the page.
4. pagelike (Integer): Total like counts of the page by the users.
5. pageComment (String): Comments on a page by the user.
6. pageCreation (Data/Time): Date and time of the page creation.
7. pageShare (Integer): Total number of shares of the page by the users.
8. pageDislike (Integer): Total dislikes count of the page by the users.
9. pageFollowers (Integer): Total followers of the page by the users.
10. pageMembers (Integer): Total members of the page.

**PAGELIKES**

1. userID (Integer) (PrimaryKey): User id of the user following the page.
2. pageID (Integer): Page Id

**FRIENDS**

1. friendID (Integer) (PrimaryKey): Identification of the friend’s user account.
2. friendDetails (Text): Information about the account.
3. pageFollowed (Integer): Total pages followed by the account.
4. friendFollowing (Integer): Total following of the account.
5. friendFollowers (Integer): Total followers of the account.
6. lastLogIn (Date/Time): Details of last activity of the account.

**POSTS**

1. postID (Integer) (PrimaryKey): The identification of the post.
2. postContent (String): The content of the post.
3. postDetails (Date/Time): The time and date of the post creation.
4. postShare (Integer): Total post shares.
5. postLikes (Integer): Total likes of the post.
6. PostDislikes (Integer): Total dislikes of the post.
7. postCaption (String): Post caption and details about the post.
8. userID (Integer): The post with respect to the post identification.

**POSTLIKES**

1. postID (Integer) (PrimaryKey): The identification of the post.
2. userID (Integer): Users liking the post.

**PHOTOS**

1. photoID (Integer) (PrimaryKey): The identification of the post.
2. photoContent (Text): Content of the photo.
3. photoCaption (String): The photo caption and descriptions.
4. photoLocation (Date/Time): Date time and location of the photo.
5. PhotoUserID (Integer): The user account identification of the photo.

**VIDEOS**

1. videoID (Integer) (PrimaryKey): The identification of the video.
2. videoContent (Text): Content of the video.
3. videoCaption (String): The video caption and descriptions.
4. videoLocation (Date/Time): Date time and location of the video.
5. videoUserID (Integer): The user account identification of the video.

**SHARES**

1. shareID (Integer) (PrimaryKey): The share Identification of the post.
2. userID (Integer) (PrimaryKey): The user identification with respect to share Identification.

**COMMENTS**

1. commentID (Integer) (PrimaryKey): The comment identification.
2. commentDate (Date/Time): Comment date and time.
3. postID (Identification): The post identification number with respect to the comment.
4. userID (Integer): The user identification with respect to the comment and post.

**COMMENTLIKES**

1. commentID (Integer) (PrimaryKey): The comment identification number with respect to the user identification and the post identification.
2. commentLikes (Integer): The total likes on the comment with respect to the post.
3. commentDislikes (Integer): The total dislikes on the comment with respect to the post.
4. userID (Integer): The user identification with respect to the comment.