

# MOCKUP DOCUMENTATION

## FACEBOOK APP

### USERS

name  
email  
password  
profile\_picture

- has\_many :sent\_invites, fk: :inviting\_id, class\_name: 'FRIENDSHIP'
- has\_many :invited\_friends, through: :sent\_invites
- has\_many :received\_invites, fk: :invited\_id, class\_name: 'FRIENDSHIP'
- has\_many :inviting\_friends, through: :received\_invites
- Has-many POSTS
- Has-many LIKE\_POSTS

### FRIENDSHIP

#inviting\_id  
#invited\_id  
status (pending/accepted)  
Belongs\_to invited\_friends  
Belongs\_to inviting\_friends

### LIKE\_POSTS

#user\_id  
#post\_id  
Belongs\_to USER  
Belongs\_to POST

### POSTS

Post\_text  
Date  
#author\_id  
Belongs\_to User  
Has\_many COMMENTS  
Has\_many LIKE\_POSTS

### POSTS\_COMMENTS

comment\_text  
comment\_date  
#post\_id  
#user\_id  
Belongs\_to POST  
Belongs\_to USER

- **RED TEXT** = represents foreign keys
- **GREEN TEXT** = represents associations between models/tables

## **1. USERS**

Represents the Facebook user information

## **2. FRIENDSHIPS**

This table contains data that lists a user and his facebook friends and a STATUS code depicting whether the friend request is accepted or not

## **3. POSTS**

Contain facebook posts written by USERS

## **4. POST\_COMMENTS**

Contains data entry for comments given to POSTS by USERS

## **5. LIKE POSTS**

Contains data sets constituting of USER\_ids and the POST\_ids these users liked