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

1. **FRIENSHIPS**

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

1. **POSTS**

Contain facebook posts written by USERS

1. **POST\_COMMENTS**

Contains data entry for comments given to POSTS by USERS

1. **LIKE POSTS**

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