Mini-Reddit

(CPSC 473: Graduate Programming Project)

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Submitted by,

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INTRODUCTION

Mini-Reddit is a social news voting website that is used for sharing anything that people with different interests would find interesting. Users are allowed to submit text posts or direct links to other webpages. Registered users can vote submissions up or down to organize the posts and determine the position on the website page. The word Herald means a messenger and Mini-Reddit has been derived from it to indicate an internet messenger.

Purpose

The purpose of this project is to extend create a blogging website like Reddit. In this project I have integrated the facebook login and facebook share buttons that enables users ease of login and post sharing on facebook

Technologies

The project includes the following technologies:

- NoSql database : MongoDb
- Server Side code :Node.js
- Client side code: javascript and jquery
- CSS :Materialize css
- Html
- Facebook SDK for facebook share and facebook login

Running the project

Launching Mongo

1. Launch the Mongo server using the command "Mongod" by navigating to the mongo exe directory

2. In the same directory Launch the mongo Shell using the command "Mongo"

3. Use database with the name Reddit

4. Under this database create two collections with the name "users" and "posts" (all lower case)

5. Using the command db.posts.insert(), insert the documents from the file "redditdocuments.txt" which is attached along with this file.

6. Make sure to the use the "_id " exactly like the one in the attached file "redditdocuments.txt"

7. The _id field value is important to make sure the project works without any issues, Hence exact documents from the file has to inserted

Launching the server

1. Type npm install which will install dependencies from package.json

2. Launch the server by navigating to the directory and by using the command "node server.js"

3. The default port is 3000

4. Open the browser and navigate to the URL http://localhost:3000/

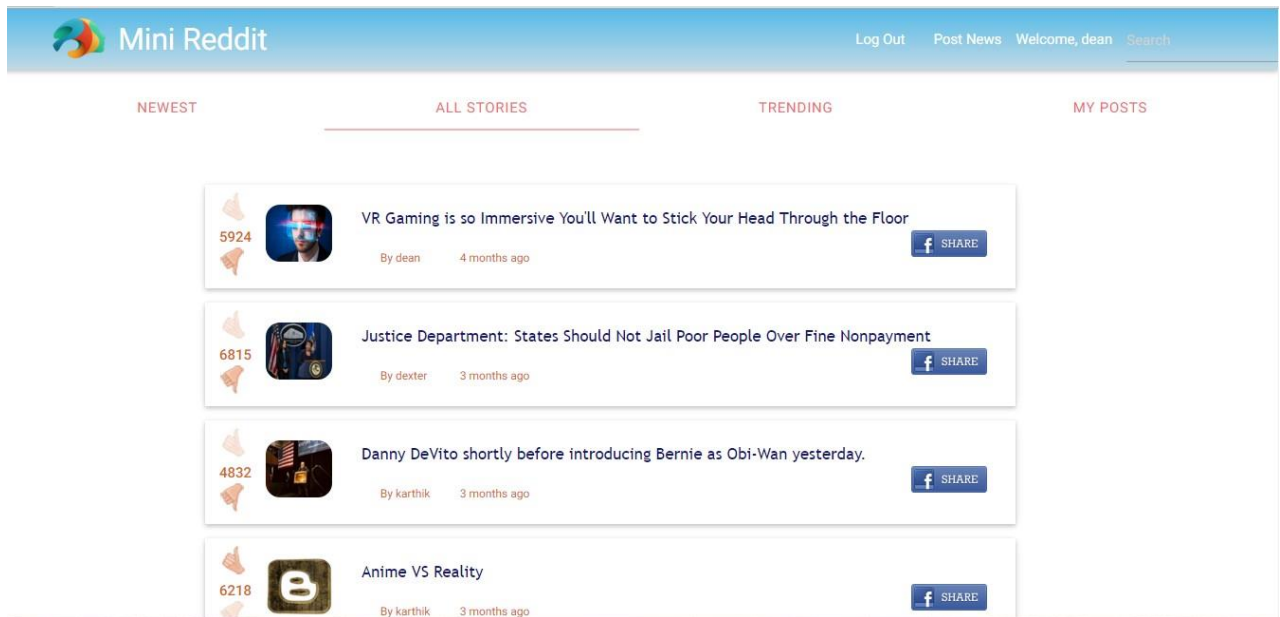5. The website gets kicked off from this step

1. Facebook login /normal login /sign up
2. Add new posts
3. Like and dislike for each posts
4. Saved posts for each user
5. Dynamic search to search a post
6. Pagination to divide multiple posts per page
7. Facebook share
8. Logout
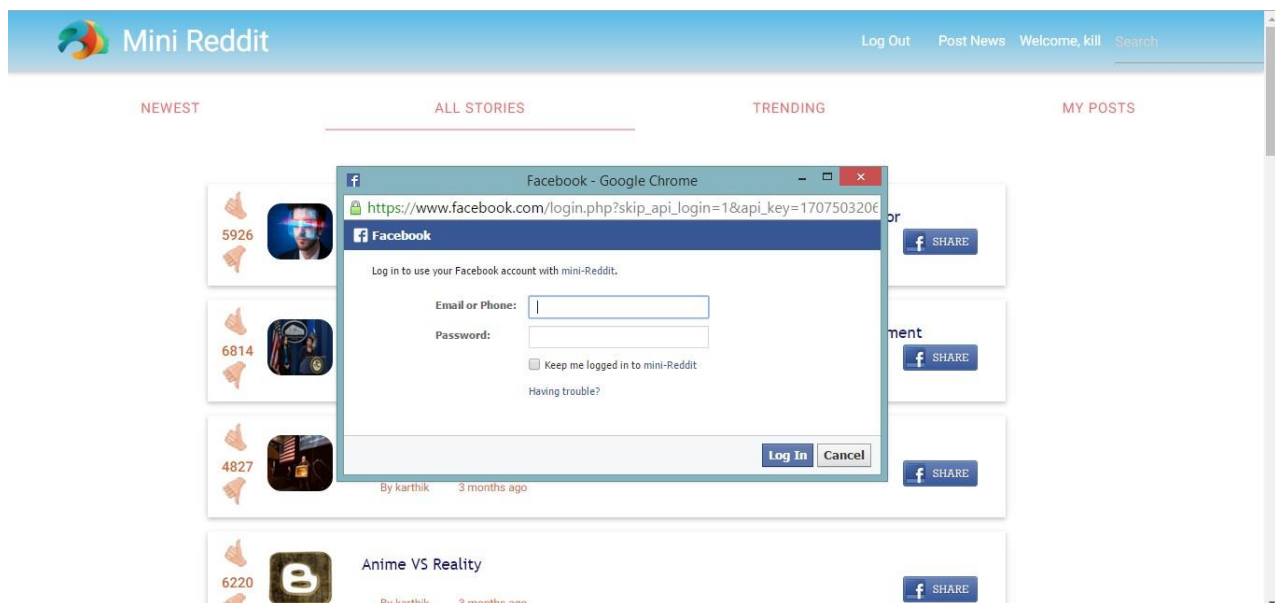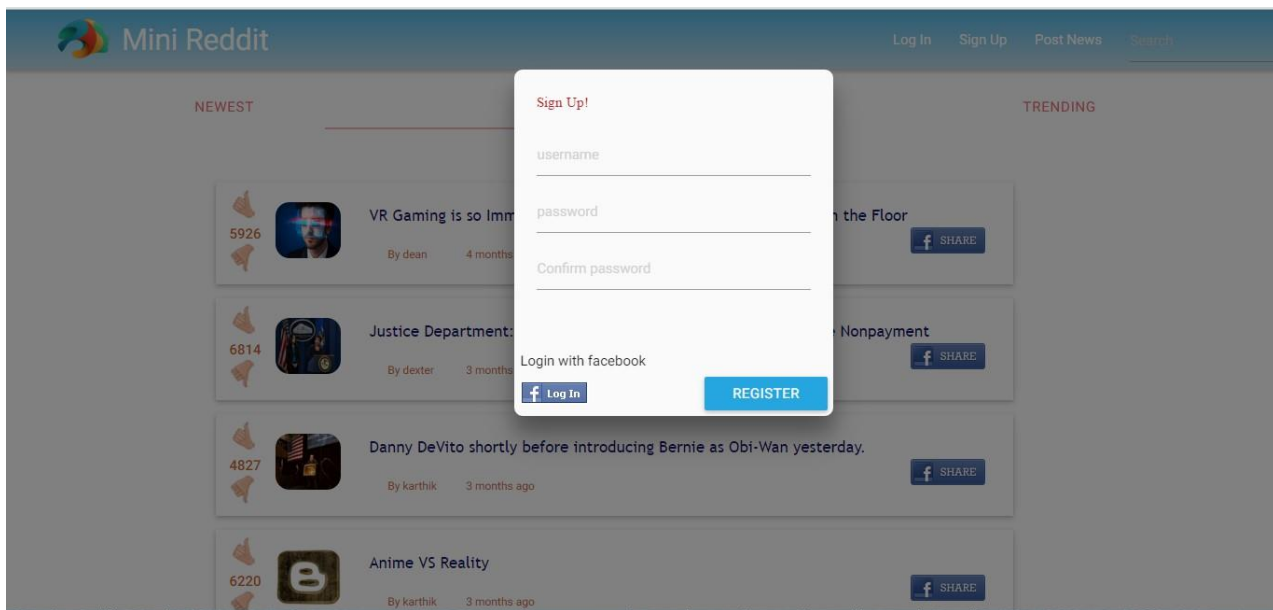9. Add posts with video and image content

Few instructions:

1. Currently the default password after login is set as "fbuser" which is alerted to the user when the user tries to login for second time after facebook sign up
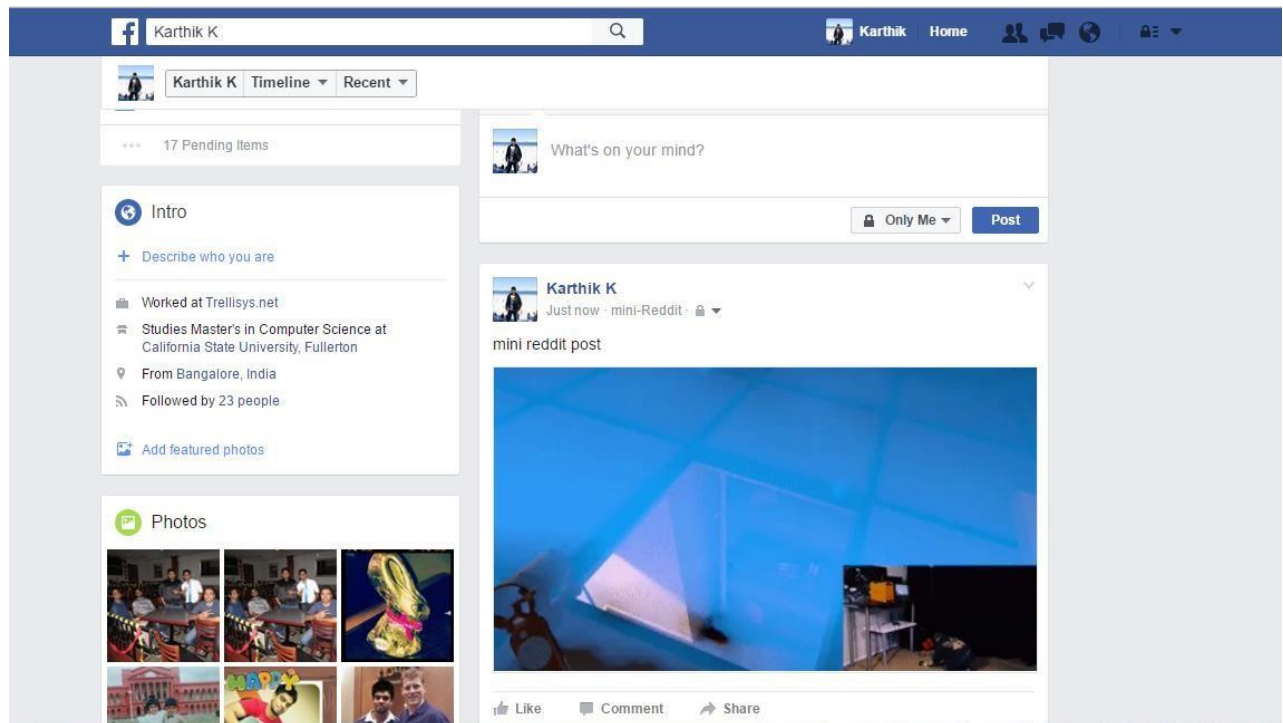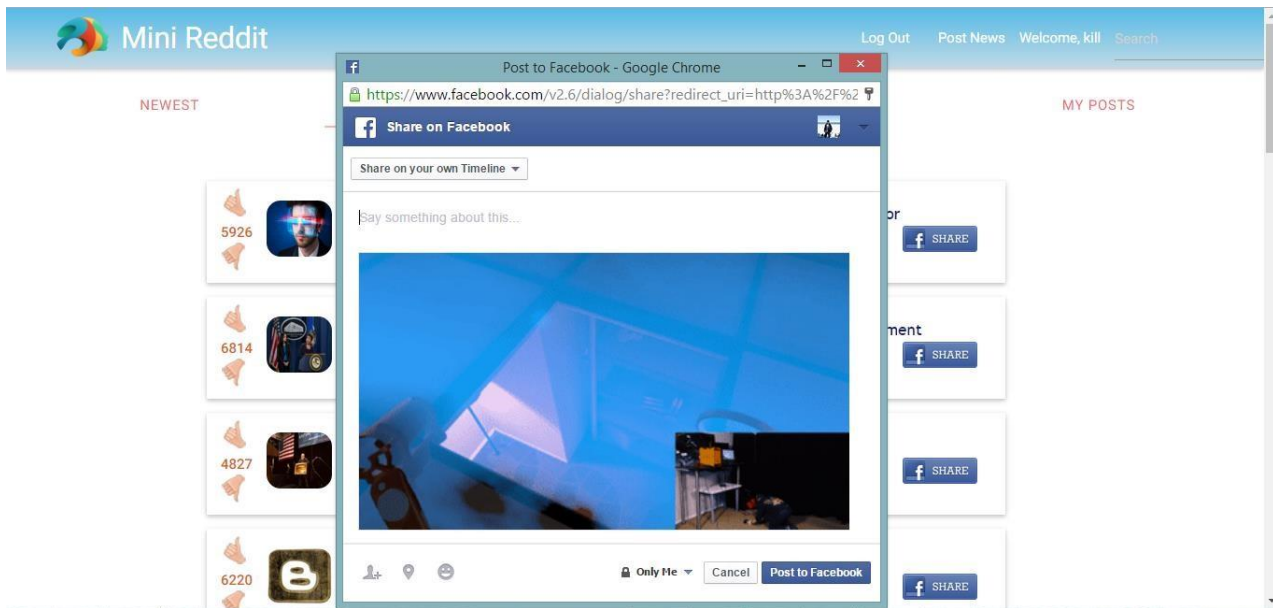
The screenshots for the website can be seen below

1.Home Page

2. Sign up and facebook Login

Mini Reddit

Log In   Sign Up   Post News   Search

NEWEST   TRENDING

Sign Up!

username

password

Confirm password

Login with facebook

Log In   REGISTER

5926   VR Gaming is so Imm...   ...n the Floor   SHARE
       By dean   4 months

6814   Justice Department: ...Nonpayment   SHARE
       By dexter   3 months

4827   Danny DeVito shortly before introducing Bernie as Obi-Wan yesterday.   SHARE
       By karthik   3 months ago

6220   Anime VS Reality   SHARE
       By karthik   3 months ago

Mini Reddit

Log Out   Post News   Welcome, kill   Search

NEWEST   ALL STORIES   TRENDING   MY POSTS

Facebook - Google Chrome

https://www.facebook.com/login.php?skip_api_login=1&api_key=1707503206

Facebook

Log in to use your Facebook account with mini-Reddit.

Email or Phone:

Password:

☐ Keep me logged in to mini-Reddit

Having trouble?

Log In   Cancel

5926   or   SHARE

6814   ment   SHARE

4827   SHARE
       By karthik   3 months ago

6220   Anime VS Reality   SHARE
       By karthik   3 months ago

3 .Facebook share

4.Mongod

```
2016-05-02T22:42:26.300-0700 I NETWORK  [initandlisten] connection accepted from
127.0.0.1:49240 #1003 (952 connections now open)
2016-05-02T22:42:26.300-0700 I NETWORK  [initandlisten] connection accepted from
127.0.0.1:49241 #1004 (953 connections now open)
2016-05-02T22:42:26.300-0700 I NETWORK  [initandlisten] connection accepted from
127.0.0.1:49242 #1005 (954 connections now open)
2016-05-02T22:42:26.300-0700 I NETWORK  [initandlisten] connection accepted from
127.0.0.1:49243 #1006 (955 connections now open)
2016-05-02T22:42:26.301-0700 I NETWORK  [initandlisten] connection accepted from
127.0.0.1:49244 #1007 (956 connections now open)
2016-05-02T22:42:26.301-0700 I NETWORK  [initandlisten] connection accepted from
127.0.0.1:49245 #1008 (957 connections now open)
2016-05-02T22:42:26.301-0700 I NETWORK  [initandlisten] connection accepted from
127.0.0.1:49246 #1009 (958 connections now open)
2016-05-02T22:42:26.302-0700 I NETWORK  [initandlisten] connection accepted from
127.0.0.1:49247 #1010 (959 connections now open)
2016-05-02T22:42:26.302-0700 I NETWORK  [initandlisten] connection accepted from
127.0.0.1:49248 #1011 (960 connections now open)
2016-05-02T22:42:26.302-0700 I NETWORK  [initandlisten] connection accepted from
127.0.0.1:49249 #1012 (961 connections now open)
2016-05-02T22:42:26.302-0700 I NETWORK  [initandlisten] connection accepted from
127.0.0.1:49250 #1013 (962 connections now open)
2016-05-02T22:42:26.302-0700 I NETWORK  [initandlisten] connection accepted from
127.0.0.1:49251 #1014 (963 connections now open)
```
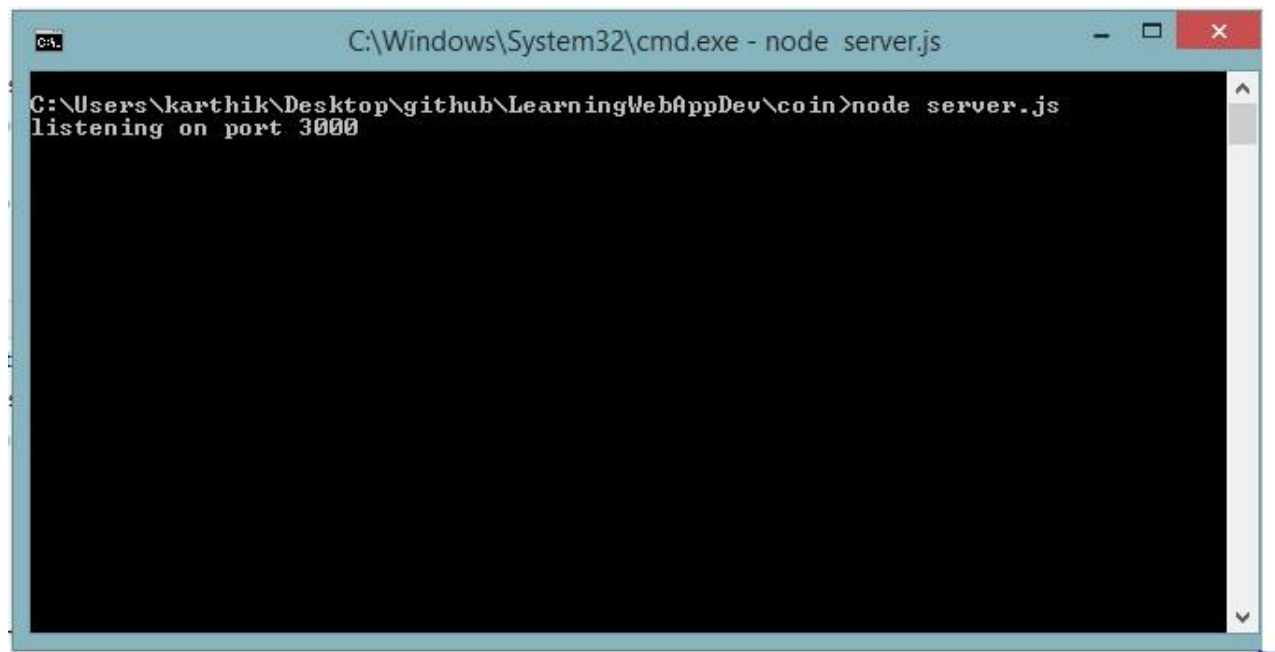
5.Mongo shell showing posts collection


```
> use reddit
switched to db reddit
> db.posts.find().pretty()
{
        "_id" : "1",
        "image_link" : "https://valoso.com/blog/wp-content/uploads/2016/02/virtu
al-reality.jpg",
        "link_title" : "VR Gaming is so Immersive You'll Want to Stick Your Head
 Through the Floor",
        "likes" : "5924",
        "post_time" : "Fri Jan 01 2016 18:36:45 GMT-0700 (Pacific Daylight Time)
",
        "main_link" : "https://gfycat.com/ParallelLinearBlackfly",
        "username" : "dean",
        "image" : "1",
        "video" : "0"
}
{
        "_id" : "2",
        "image_link" : "http://media4.s-nbcnews.com/j/newscms/2016_11/1456786/16
0314-gupta-0812_cc9d7efb4ab32483d62a8b53e5b33351.nbcnews-ux-320-320.jpg",
        "link_title" : "Justice Department: States Should Not Jail Poor People O
ver Fine Nonpayment",
        "likes" : "6813",
        "post_time" : "Wed Jan 06 2016 10:50:12 GMT-0700 (Pacific Daylight Time)
```

6. Users collection

> db.users.find()
{ "_id" : "1", "name" : "karthik k", "password" : "fbuser", "likes" : ["1,3,3,4,1,2,3,2,3,4,5,6", "1", "2"], "notLikes" : [""] }
{ "_id" : "2", "name" : "dean", "password" : "dean", "likes" : ["1", "3", "5", "6"], "notLikes" : ["4", "2"] }
{ "_id" : "3", "name" : "john", "password" : "john", "likes" : ["1", "4"], "notLikes" : ["2", "3", "5"] }
{ "_id" : "4", "name" : "jung", "password" : "jung", "likes" : ["1"], "notLikes" : ["2"] }
>

7. Launching the server

```
C:\Users\karthik\Desktop\github\LearningWebAppDev\coin>node server.js
listening on port 3000
```