Project

# Prerequisite :

Front-end :: Angular Js

Back-end :: Node JS

UI :: CSS and Bootstrap

Scripting Lang :: HTML5

Fonts :: Awesome Fonts

Modules :: Moment Js || font-awesome || angular-chart.js || express || request || Client || Bluebird

# Public API

https://graph.facebook.com/v2.2/263827920387171/feed?access\_token=1188261374526073|cU8UWhPPMAKNLosw\_lzFMyEm6zQ

<https://graph.facebook.com/v2.2/'+id+'/likes?access_token=1188261374526073|cU8UWhPPMAKNLosw_lzFMyEm6zQ>

<https://graph.facebook.com/v2.2/'+id+'/comments?access_token=1188261374526073|cU8UWhPPMAKNLosw_lzFMyEm6zQ>

## Note: - You might need to change the address required for the files.

## Back-End Design :

**PUT Facebook FEED**

|  |  |
| --- | --- |
| Method | Put |
| URL | http://localhost:8082/allFeeds |
| Req | {  "urlToUse":"https://graph.facebook.com/v2.2/263827920387171/feed?access\_token=1188261374526073|cU8UWhPPMAKNLosw\_lzFMyEm6zQ"  } |
| Res | {  "data": [  {  "message": "1 chair 1 iron cot 1 study table 1 stool 1 almirah\n₹2,000 - Bangalore, India\n\nAll things come with only 2000 rs.",  "updated\_time": "2016-05-03T02:51:31+0000",  "id": "263827920387171\_730514737051818"  },  {  "message": "Looking for a female flatmate available in a 3bhk flat in Diamond District\n₹15,000 - Bangalore, India\n\nDiamond District ,Old Airport road. One room for single occupancy is available in a 3bhk flat. The room has a balcony and is pool facing. Fully furnished with all the amenities such as queen size beds and mattress, cupboards, bathroom, sofa, tv , fridge, washing machine, oven, toaster, wifi, dining table, study tables, etc. The apartment has a good view facing the pool, park and the basketball court. There are also a lot of other facilities such as a club house, a badminton court, squash and tennis court as well as indoor activities such as billiards, carom and Table tennis, etc. We are looking for a person who is friendly, chilled out, intelligent and neat. Rent is 15000₹ per month plus Maintenance and the deposit is 1lakh each. It is available for immediate occupancy. Whoever is interested please send me a msg in my inbox.... :-)",  "updated\_time": "2016-05-03T02:49:41+0000",  "id": "263827920387171\_729892233780735"  },  {  "message": "#flatmate #singleroom #maleFlatmate #yemlur #marathahalli #midMayAvailability\n₹7,700 - Bangalore, India\n\nA single room is available for male flatmate at Balaji Residency (#Yemlur Main Road, near Marathahalli). The apartment is at walking distance from #Deloitte, #CGI, #ThomsonReauters, \n#Landmark offices in #DivyasreeTechnopolis. \n\nAmenities include:\n1. Single room with spacious closets\n2. Common bathroom\n3. Refrigerator\n4. Washing machine\n5. High-speed WiFi internet\n6. TV with set-top box\n7. Cook for lunch and dinner - six days a week\n8. House-keeping services - all days\n9. Power back-up\n10. Parking space for two-wheeler\n11. Security\n\nThe room is available some time around May 20th. Move-in date flexible by 4-5 days. \nSecurity deposit: Rs. 40,000/-\nMonthly rent: Rs. 7,700/-, including maintenance charges. \nOne time charge for TV, fridge and washing machine: Rs. 3375/-\nCharges for cook and house-keeping services extra.\n\nPlease message for further details if you are interested. Thank you!",  "updated\_time": "2016-05-03T02:49:06+0000",  "id": "263827920387171\_730827273687231"  },  {  "message": "#FemaleFlatmate #2BHK #SingleOccupancy #GraphiteIndiaSignal\n₹9,500 - Bangalore, India\n\nLooking for a chilled out person to occupy 1 room that is vacant in a 2BHK apartment in Sumadhura Sankalpam. \nLocation : 1km from graphite india signal , towards hoodi\n\nChk out the pics and exact location below.\n\nMaid and Cook come everyday.\nKitchen is setup with gas stove,all necessary utensils and Fridge.\nWifi installed.\nMaintainance : 1371\nTotal overhead expenses : 3K max\nDeposit : 40K\n\nSociety has gym and swimming pool,24 hrs power backup,security, RO Water supply for drinking.\nGrocery store,veg store available right outside the society.\nFamily Supermarket at 400m away.\n\nhttps://goo.gl/maps/ptZTtEpjtZz\n\nPing me for more details :)",  "updated\_time": "2016-05-03T02:48:07+0000",  "id": "263827920387171\_730520897051202"  },  {  "message": "Apartment for rent\n₹6,000 - Kundanehalli Gate\n\nLooking for a female flatmate(double sharing) for my replacement in a fully furnished 2 BHK in Saroj Habitat apartment near Kundanhealli Gate. It is available from June.\nHouse amenities : TV, Fridge, Fully automatic top load washing machine, dining table, microwave, beds, mattresses, wardrobes, geysers, car parking, WIFI, Tata Sky ,gas stove , LPG cylinder.\n\nThis building has Gym and Swimming Pool facilities and most of the shops are outside the building. The house is fully setup. You only need to move in with your luggage.\n\nGated society with full security and no interference of landlord.\nClose proximity to bus stop, supermarkets and restaurants.\nEverything is on a walkable distance.\nRent :6k per head (including maintenance)\nDeposit: 30k(non-negotiable)\nInterested people , please inbox me or Divyaleen Kochhar and Ginni Kakkar",  "updated\_time": "2016-05-03T02:47:30+0000",  "id": "263827920387171\_731484833621475"  },  {  "message": "Male flatmate in a spacious 1BHK house near Bagmane Tech Park\n₹5,500 - Bangalore, India\n\nLooking for a male flatmate to share a spacious fully furnished 1bhk flat in GM Palya. Flat has all amenities like TV, fridge, microwave oven, food processor, fully set up kitchen, two wheeler parking. It is very well located, just five minutes walk from Bagmane Tech Park, and pretty close to RMZ infinity, lots of convenience stores nearby, ATM right across the house. I have employed a maid for cleaning and washing clothes and a north indian cook for dinner, for which you have to pay extra. Security deposit is Rs 20000 and rent is Rs 5500.",  "updated\_time": "2016-05-03T02:46:58+0000",  "id": "263827920387171\_731615426941749"  },  {  "message": "Single Occupancy Room in a 3 BHK Fully Furnished apartment.\n₹14,000 - Sobha Garnet\n\nLooking for a flatmate for a single sharing in a fully furnished 3BHK apartment at sobha garnet apartment sarjapur signal. Perfect for people working in ecospace or pritech park or ecoworld or near by area. Apartment is 100 meters from the bus stop. Amenities available in the room- double bed with mattress, AC, TV with cable connection, wardrobe and an attached bathroom with geyser. Gym, swimming pool and other amenities available in the apartment. Room is available from 1st of June. Rent-14000 per month and deposit is 70000. Please pm me for any other queries.",  "updated\_time": "2016-05-03T02:46:51+0000",  "id": "263827920387171\_731426980293927"  },  {  "message": "Single room available from 1st June in fully furnished 2bhk\n₹9,000 - Hoodi Circle @ Whitefield\n\n1 room available in a 2BHK (Male)\n\n#Location: Hoodi. 4kms away from ITPL. Bus stop at walking distance\n# Rent: 9K +(Monthly maintenance of 800)\n# Deposit : 25K\n# Things available:\n- Attached bathroom\n- Single bed with mattress\n- Kitchen completely set up with Microwave\n- Wardrobe\n- Gated society with security and CCTV coverage\n- Gym, Pool, TT, Clubhouse\n\n# Available from 1st of June\nPM me if you want to come check out the flat",  "updated\_time": "2016-05-03T02:45:35+0000",  "id": "263827920387171\_731389363631022"  },  {  "message": "Immediate Accommodation for 1 room in 3 Bedroom Duplex non-sharing @indiranagar near 100ft Road\n₹42,000 - Bangalore, India\n\nSo we 2 friends were searching for a 2bhk and found this amazing \n3-bedroom duplex fully furnished house at Indiranagar, 16th-B Main (3 mins walk from 100ft road), very much interested to finalize this place\n\nThe house is at a great location and comes with two amazing flatmates.\nLooking for a housemate for the third room preferably on non sharing basis.\nRent- 42,000/- (to be split among 3)\nDeposit - 2.5 lakh (to be split among 3)\nAvailability - Immediate\nBrokerage: 1 month rent (Good stuff comes with a little baggage - to be split among 3) \nFeatures of the house:\n- Apartment fully setup with sofa, washing machine, and all kinds of furniture ( trust us its too much) \n- The Rooms are spacious, well lit, has big wardrobe and a queen size bed with mattress\n- Well ventilated Kitchen and Living Room. huge dining table\n- Continuous water supply\n- Equipped kitchen with fridge, LPG \n- Big Balcony\n- Spacious Terrace if you are interested in chilling out,\n- No issues with food preference, Smoking allowed.\n- Chilled out owner. No restrictions.\n- wifi,maid and anything missing will be taken care of as soon as we move in.",  "updated\_time": "2016-05-03T02:44:59+0000",  "id": "263827920387171\_731462143623744"  },  {  "message": "1RK available for rent in KasturNagar/OMBRLayout\n₹6,000 - Bangalore, India\n\nSingle Room with Attached bath + big Utility area + Small Kitchen + Solar Water + Separate Entrance in a is available for rent Rs. 6000 ( including electricity + water charges) Kasturi Nagar /OMBR Layout (Nice Green BDA layout, Cavery water)... 500m from Ring Road bus stop, 3km from Metro",  "updated\_time": "2016-05-03T02:44:33+0000",  "id": "263827920387171\_730878380348787"  },  {  "message": "single non sharing room available in a 3bhk near 80feet road Indiranagar New thippasandra\n₹6,000 - Bangalore, India\n\nFlatmate required #80ft\_road\_Indiranagar #Jeevan\_bhima\_nagar #New\_Thippasandra\_market \nImmediate single occupancy available in a 3-bhk.\nRent: 6,000\nDeposit: 20000\nFurnished with the following facilities:\n-Fully functional kitchen\n-Internet and WiFi \n-Refrigerator\n-Washing Machine\n-Geyser\n-Gas connection\n-Water available 24x7\n- North Indian Cook available\n\nPlease drop a message and I'll revert back ASAP",  "updated\_time": "2016-05-03T02:43:41+0000",  "id": "263827920387171\_731461856957106"  },  {  "message": "2BHK fully furnished in Marathahalli\n₹25,000 - Bangalore, India\n\nAvailable for #Family or #Bachelors\n#2BHK #FullyFurnished #IttinaAbhaApartment\n#AttachedBalconyAndWashroom\n#GatedCommunity \n#SwimmingPool\n#CarParking\n#CommunityHall\n#PowerBackup\n#Fridge #WashingMachine\nIdeal for people working in #cessna #prestige #ecospace #emc2 #OuterRingRoad\n#SuperCoolOwner\nRent : 25,000 per month including maintenance\nSecurity : 1,00,000\nMap Location :https://www.google.co.in/maps/place/Ittina+Abha,+7th+Cross,+Lakshmi+Layout,+Munnekollal+Main+Rd,+Rajashree+Layout,+Gandhi+Nagar,+Munnekollal,+Bengaluru,+Karnataka+560037/@12.9535177,77.7034235,17z/data=!3m1!4b1!4m2!3m1!1s0x3bae12369b3e0f59:0x78e0fd05fc525d08\nAvailable from 11th May.\nKindly contact Satyam Kapoor(9738762123) or Rahul Mittall(7259383399)",  "updated\_time": "2016-05-03T02:42:42+0000",  "id": "263827920387171\_730913597011932"  },  {  "message": "Looking for a flatmate to occupy 1 room in a Fully Furnished 3BHK flat.\n₹8,600 - Bangalore, India\n\nLooking for a flatmate to occupy 1 room in a Fully Furnished 3BHK flat.\n₹8600\nHi Guys,\nA single room is available for rent at BTM 2nd Stage .\n#3BHK #BTM2ndStage #Singleoccupancy #Norestrictions #NoBrokerage\nSpecifications:-\n1) Rooms are spacious . \n2) Kitchen is set-up with gas stove(1 cylinder), all necessary utensils, Fridge, Aqua guard and the floors are beautifully tiled.\n3) Drawing room , Dth connection , 32 inch 3D TV, luxury drawers, Internet , MAID everyday . \n4)Nov Veg allowed but from outside only .\nNow the best part:-\nBus Stop: 400 mtrs (Gopalan Mall, banerghatta road).\nShopping/Theatre:- 600 mtrs\nRent = Rs 8600 \nDeposit = Rs 32000/-\nReady to move from 20 June 2016.\nI have attached the pictures below. \nPlease ping me on facebook for more details or mobile number if anyone of you guys are interested for the same.;",  "updated\_time": "2016-05-03T02:40:41+0000",  "id": "263827920387171\_730804283689530"  },  {  "message": "#Female flatemate# 2BHK semi furnished# single occupany# near Bellendur Central mall\n₹6,500 - Bangalore, India\n\nHi Gals,\nSingle occupancy 2BHK semi furnished attached washroom house is available near Bellendur Central. Walkable distance to ECOSpace and near to Sarjapur softzone and many other Bangalore places and with all near by Amenities\n\nRent: 6500 per head\nDeposit: 20k\nMaid:550 per head\nWifi: 550 approx per head\nAvailable from : 30th may2016",  "updated\_time": "2016-05-03T02:36:48+0000",  "id": "263827920387171\_731391213630837"  }] |
|  |  |

**PUT LIKES AND COMMENTS**

|  |  |
| --- | --- |
| Method | PUT |
| URL | http://localhost:8082/allComments |
| Req | {  "urlToUseForComments":"https://graph.facebook.com/v2.2/263827920387171\_729892233780735/comments?access\_token=1188261374526073|cU8UWhPPMAKNLosw\_lzFMyEm6zQ",  "urlToUseForLikes":"https://graph.facebook.com/v2.2/263827920387171\_729892233780735/likes?access\_token=1188261374526073|cU8UWhPPMAKNLosw\_lzFMyEm6zQ"  } |
| Res | {  "commentsInfo": {  "data": [  {  "created\_time": "2016-04-29T06:30:36+0000",  "from": {  "name": "Khushboo Ghelani",  "id": "10154000533160325"  },  "message": "Gayatri Ashta",  "id": "729900123779946"  },  {  "created\_time": "2016-04-29T06:46:19+0000",  "from": {  "name": "Pradnya Gawai",  "id": "1034876639933722"  },  "message": "Hi..Please check ur inbox.",  "id": "729904133779545"  },  {  "created\_time": "2016-04-29T07:23:03+0000",  "from": {  "name": "Anushree Tapuriah",  "id": "10154129780168610"  },  "message": "Puja Das",  "id": "729913390445286"  },  {  "created\_time": "2016-04-29T07:32:50+0000",  "from": {  "name": "Diksha Agrawal",  "id": "10153704873541312"  },  "message": "Interested , check inbox",  "id": "729919863777972"  },  {  "created\_time": "2016-04-29T08:00:23+0000",  "from": {  "name": "Priyadarshini Singh",  "id": "10153521821756570"  },  "message": "hey, please check inbox",  "id": "729947750441850"  },  {  "created\_time": "2016-04-29T15:08:29+0000",  "from": {  "name": "Ravali Amba",  "id": "1157290597648940"  },  "message": "Hi I am interested please check your inbox.",  "id": "730103167092975"  },  {  "created\_time": "2016-04-29T15:23:22+0000",  "from": {  "name": "Preethi Basappa",  "id": "10201761033583242"  },  "message": "Venu Tiwari",  "id": "730107777092514"  },  {  "created\_time": "2016-04-29T17:12:11+0000",  "from": {  "name": "Vasudha Wadhera",  "id": "10157128322025144"  },  "message": "Hi, inboxed you :)",  "id": "730141850422440"  },  {  "created\_time": "2016-04-30T06:26:09+0000",  "from": {  "name": "Sneha Churiwala",  "id": "10201895075056715"  },  "message": "Please check inbox",  "id": "730419527061339"  },  {  "created\_time": "2016-05-01T20:05:00+0000",  "from": {  "name": "Vipul Boylla",  "id": "10207829390105138"  },  "message": "Naimat Chopra",  "id": "731080526995239"  },  {  "created\_time": "2016-05-01T20:30:19+0000",  "from": {  "name": "Neha More",  "id": "10209733748847283"  },  "message": "Interested",  "id": "731087460327879"  },  {  "created\_time": "2016-05-02T19:56:43+0000",  "from": {  "name": "Naimat Chopra",  "id": "10209342930953234"  },  "message": "Hi i am interested, please inbox your number.",  "id": "731489820287643"  },  {  "created\_time": "2016-05-02T20:04:31+0000",  "from": {  "name": "Pragati Dixit",  "id": "1594193994228099"  },  "message": "Please check ur inbox",  "id": "731491963620762"  },  {  "created\_time": "2016-05-03T02:49:41+0000",  "from": {  "name": "Vaibhav Kaushik",  "id": "115866185487830"  },  "message": "Hey Bhagya Post your listing on www.rentroomi.com/postyourad.aspx might be helpful !",  "id": "731624876940804"  }  ],  "paging": {  "cursors": {  "before": "WTI5dGJXVnVkRjlqZAFhKemIzSTZAOekk1T1RBd01USXpOemM1T1RRMk9qRTBOakU1TVRFME16WT0ZD",  "after": "WTI5dGJXVnVkRjlqZAFhKemIzSTZAOek14TmpJME9EYzJPVFF3T0RBME9qRTBOakl5TkRNM09ERT0ZD"  }  }  },  "likesInfo": {  "data": [  {  "id": "10209733748847283",  "name": "Neha More"  },  {  "id": "10157128322025144",  "name": "Vasudha Wadhera"  },  {  "id": "10207811083268413",  "name": "Shailaja Taparia"  }  ],  "paging": {  "cursors": {  "before": "MTAyMDk3MzM3NDg4NDcyODMZD",  "after": "MTAyMDc4MTEwODMyNjg0MTMZD"  }  }  }  } |

**PUT AVERAGE POPULARITY**

|  |  |
| --- | --- |
| Method | PUT |
| URL | http://localhost:8080/ avgFrequency |
| Req | {  "url":"http://cloud.feedly.com/v3/streams/contents?streamId=feed/https://in.pinterest.com/abhhisheksharma/feed.rss",  "title":"PintrestFeeds"  } |
| Res | {  "votesForRent": 89.47368421052632,  "votesForSharing": 5.263157894736842,  "votesForOwner": 5.263157894736842  } |

**PUT AVERAGE FREQUENCY**

|  |  |
| --- | --- |
| Method | PUT |
| URL | http://localhost:8080/ avgPopularity |
| Req | {  "url":"http://cloud.feedly.com/v3/streams/contents?streamId=feed/https://in.pinterest.com/abhhisheksharma/feed.rss",  "title":"PintrestFeeds"  } |
| Res | {  "postForRentperHour": 25,  "postForSharingperHour": 1,  "postForOwnerperHour": 1  } |

**DB Design:**

There is no use of db. Feeds url are stored in a local variable.

**Front-End Design:**

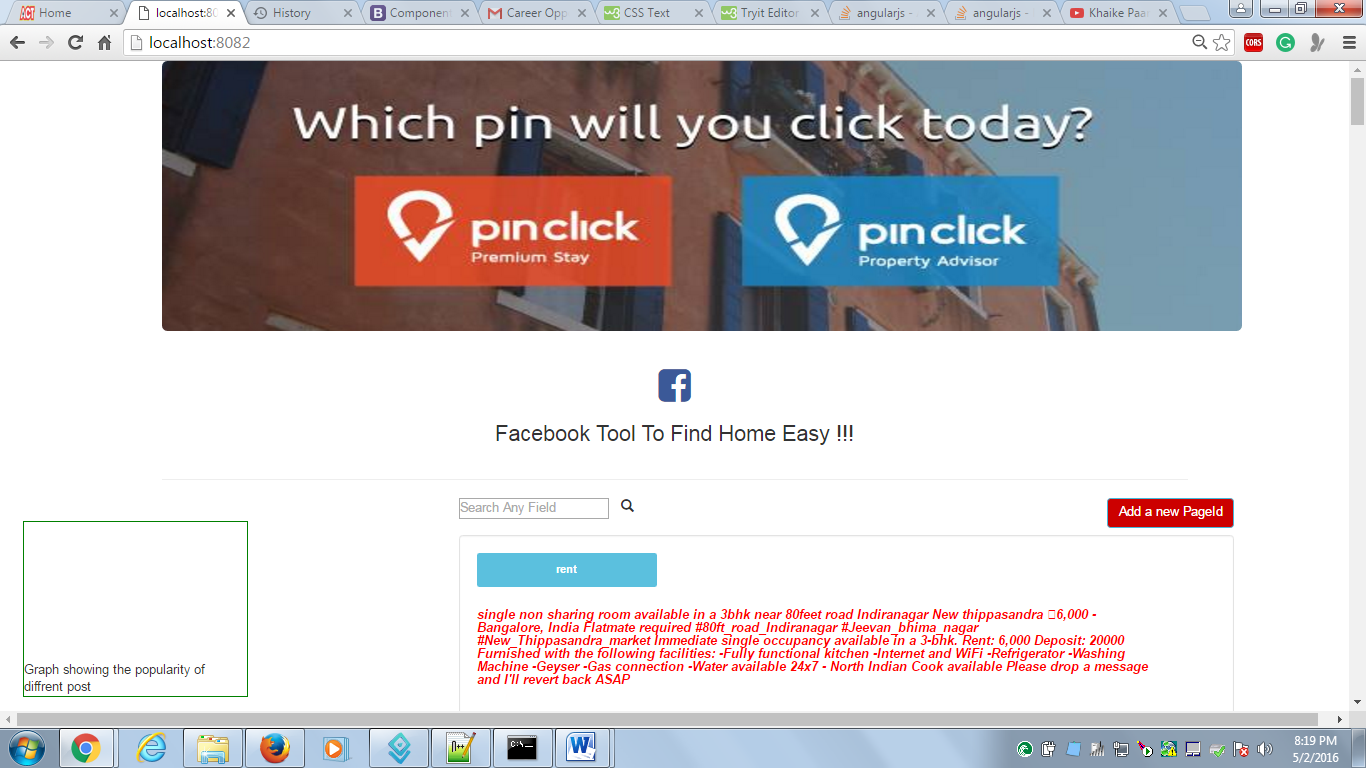
**Html Page: Created using HTML5**

**Style: using CSS3**

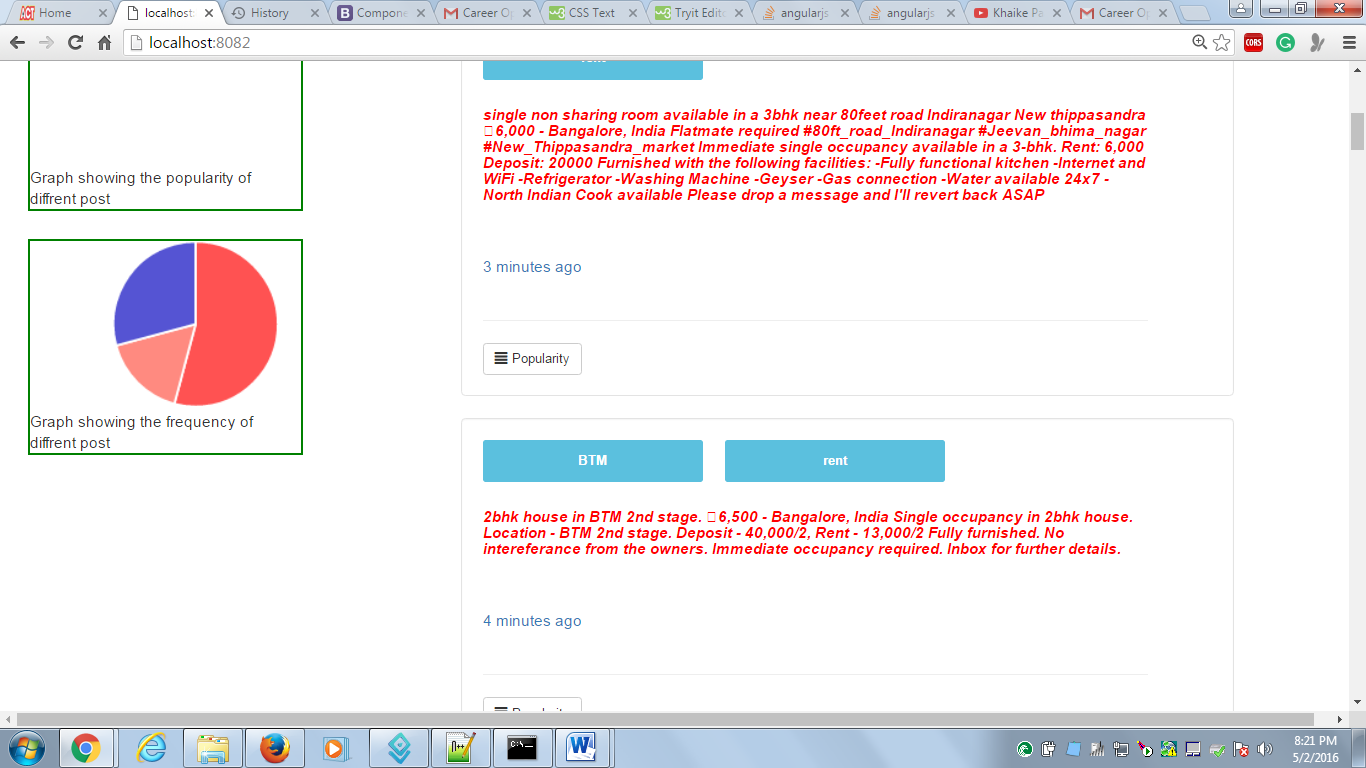
**UI design: Bootstrap**

**Front-End Controller: Angular JS ; all functions are indicated in the file itself using comments**

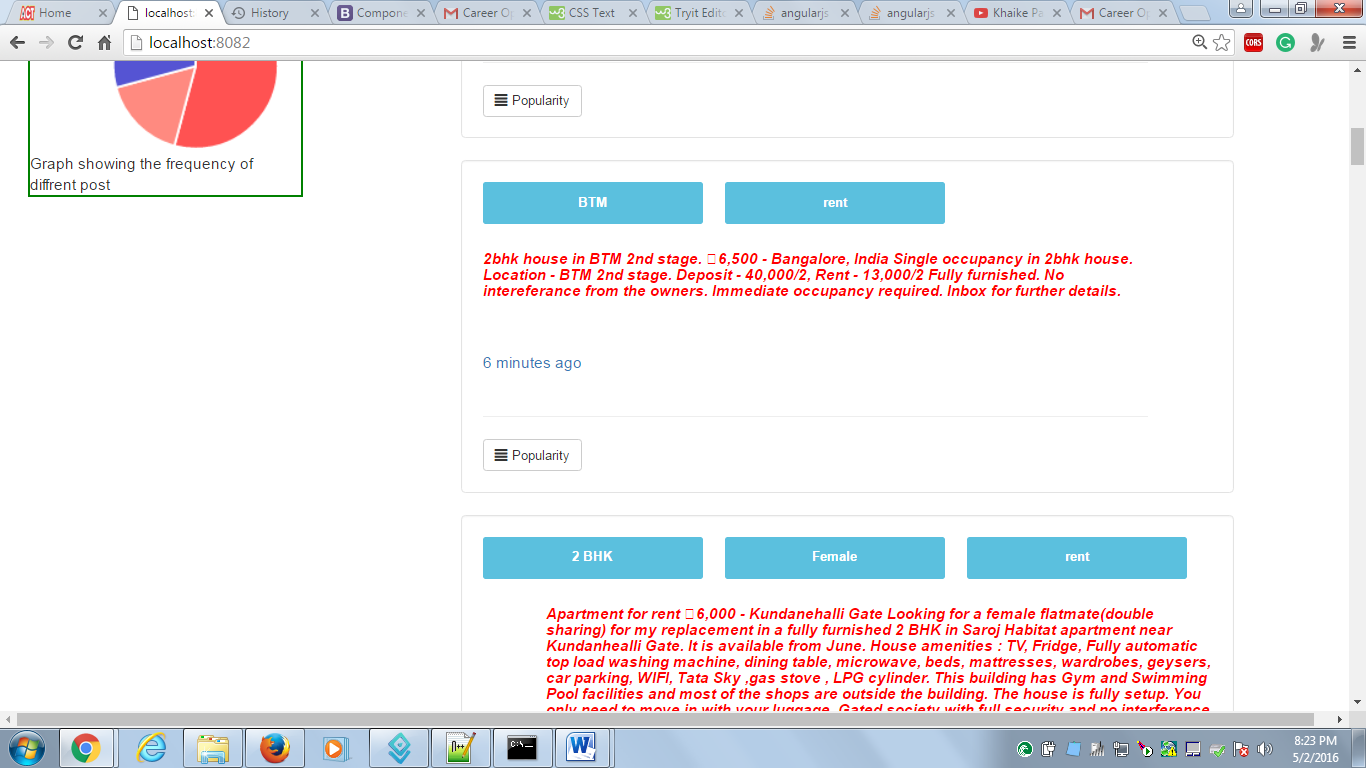
Displaying main page @localhost:8082 :-



It will Show you all the feeds till past 7 days

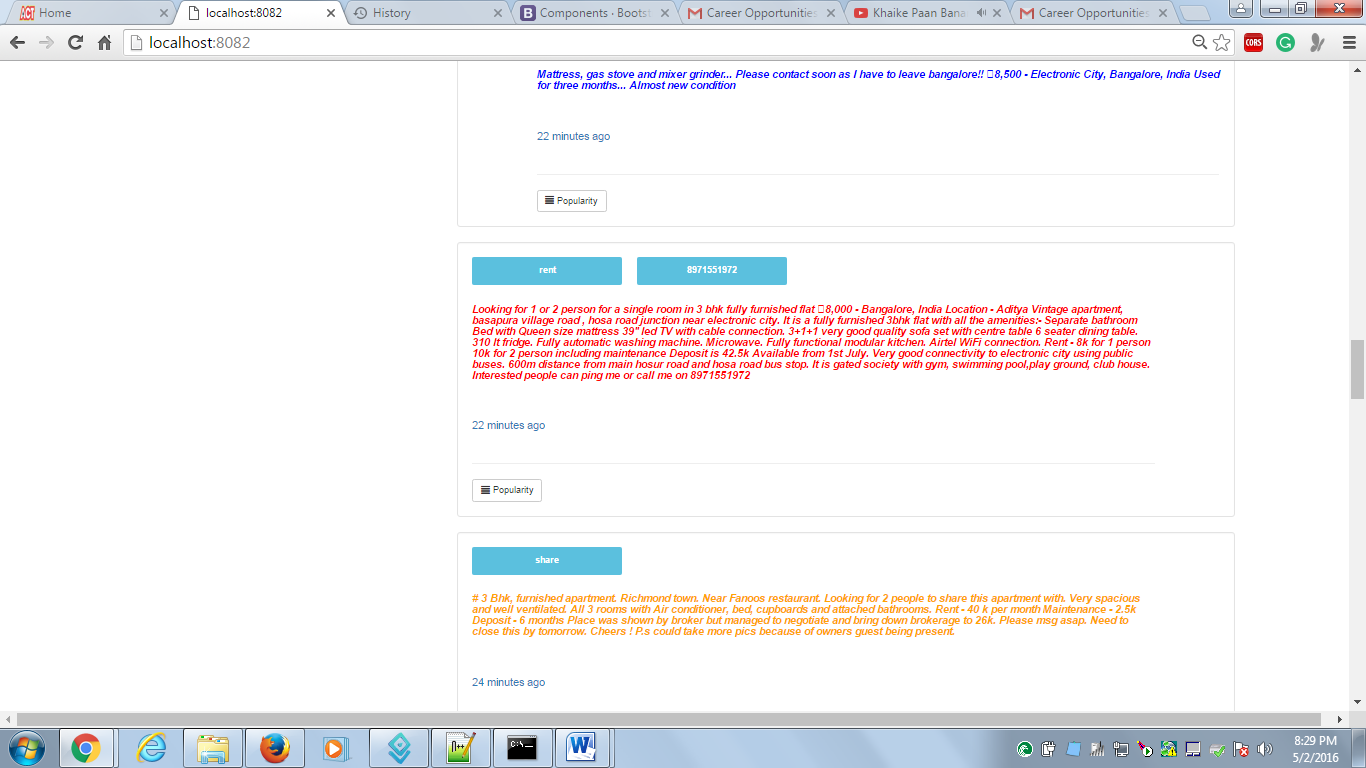


Using regex filtering to extract data  Contact Number, Area, Room Type, Candidate required, Price etc….

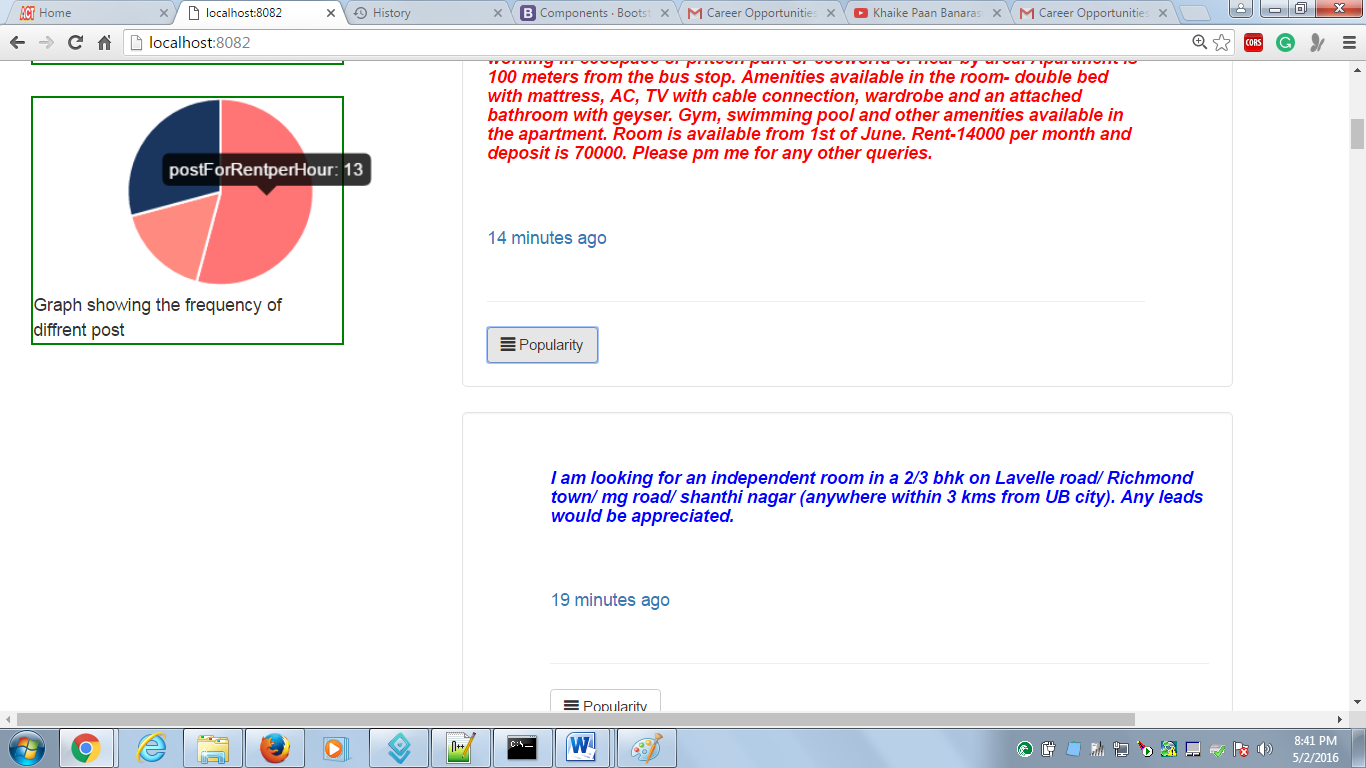




Different color code for Sharing, Rent and Owner type rooms

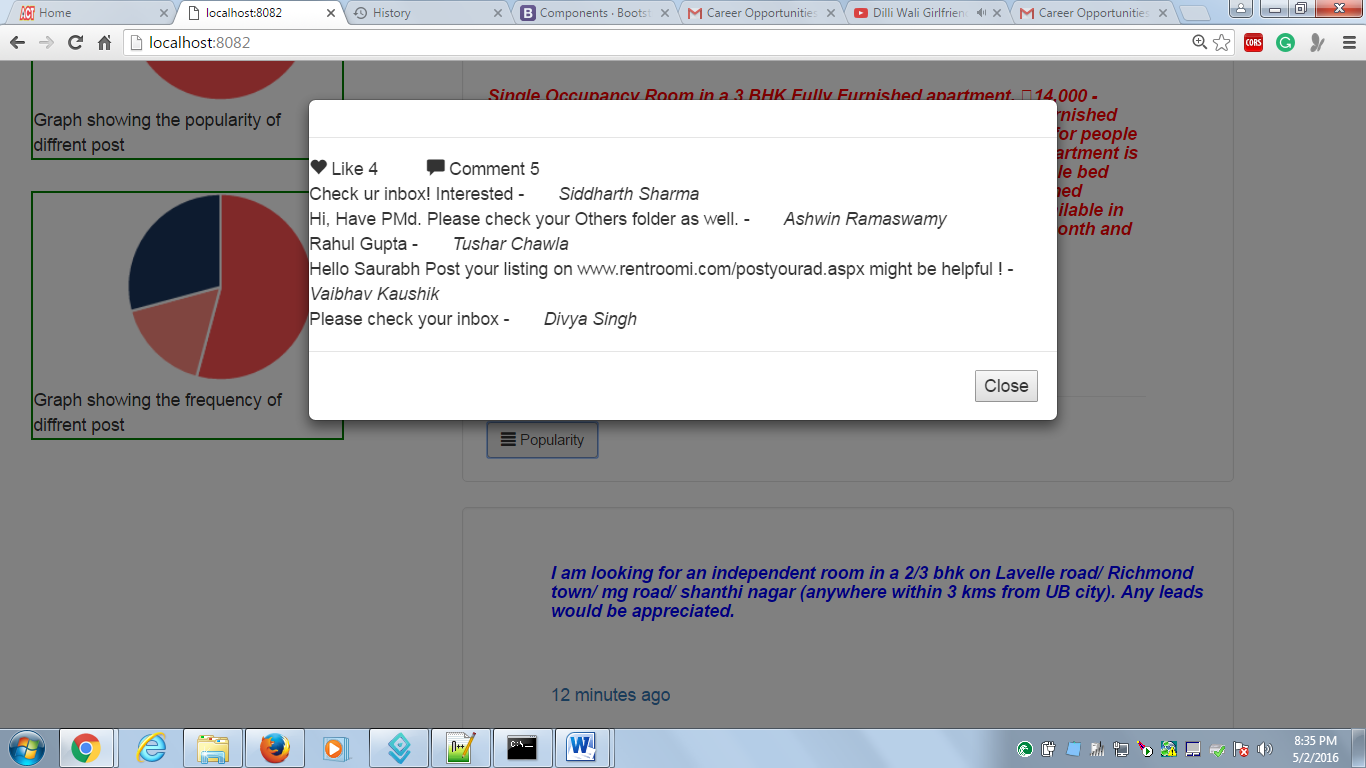


 Frequency of Posts for particular room type

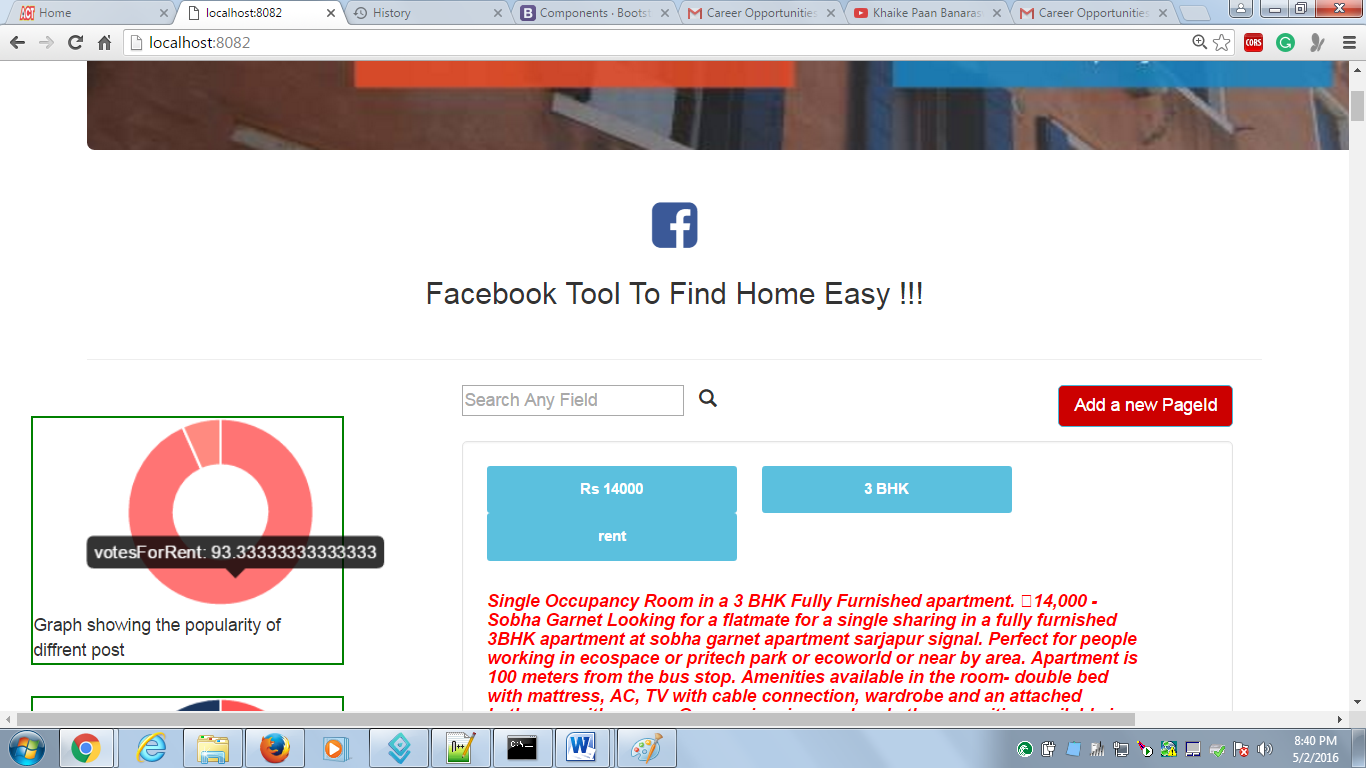


Avg popularity of the post it’s no. of comments and likes



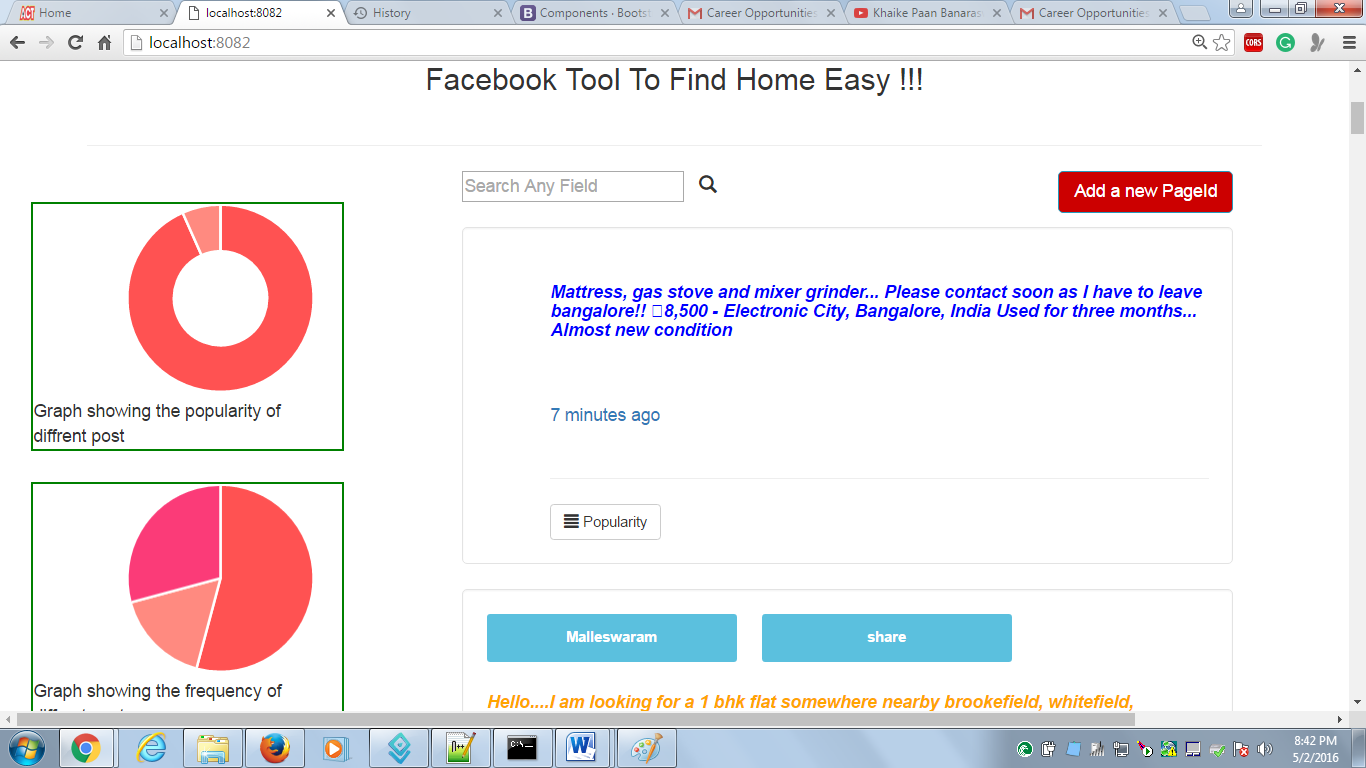


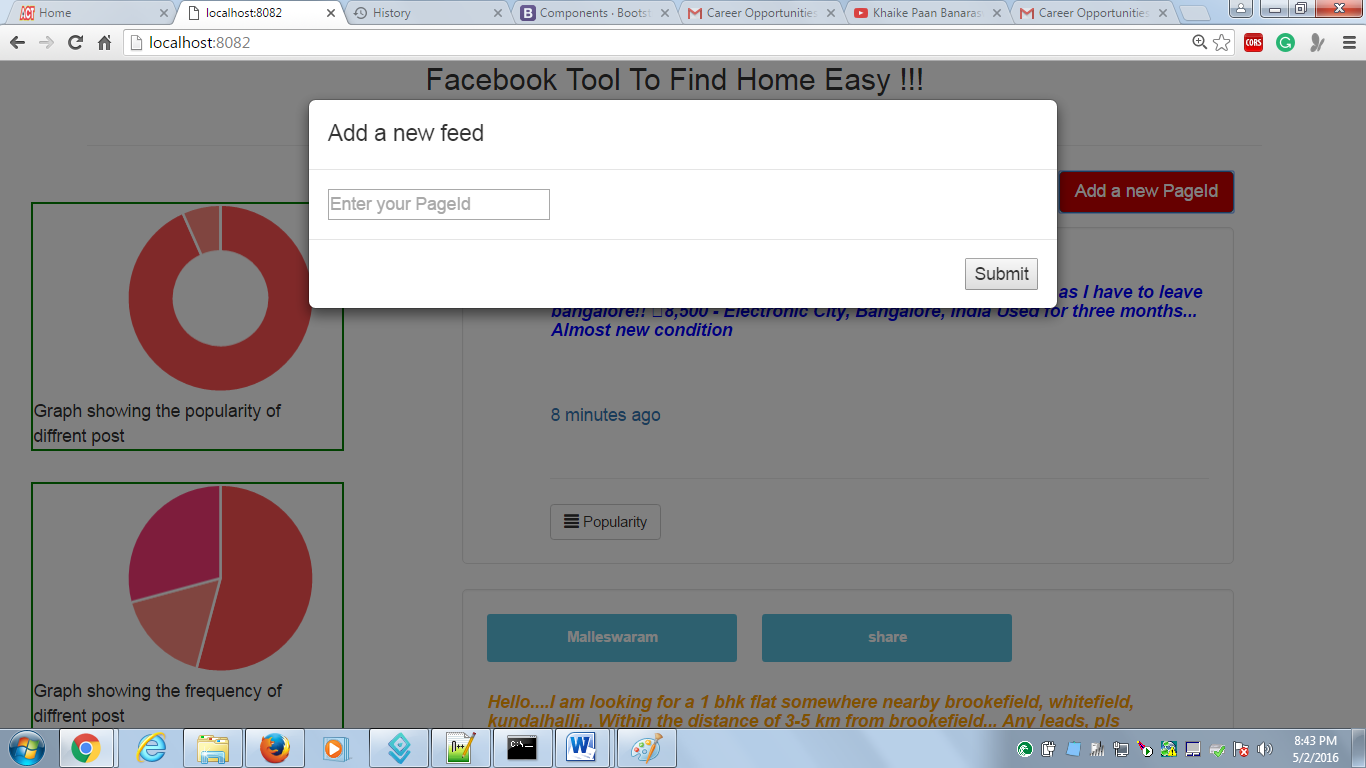
Determining the average Popularity of the room based on it’s type on a given feed



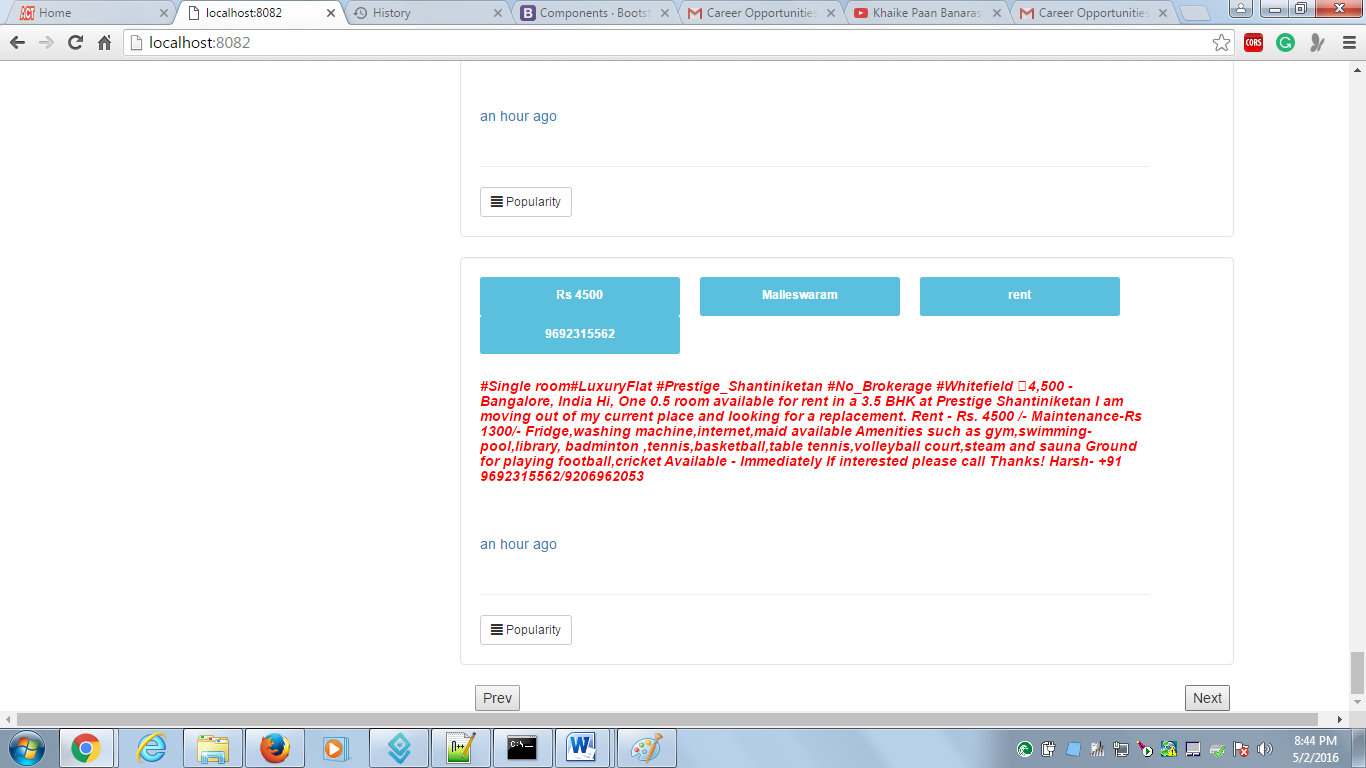
Extra Added Features

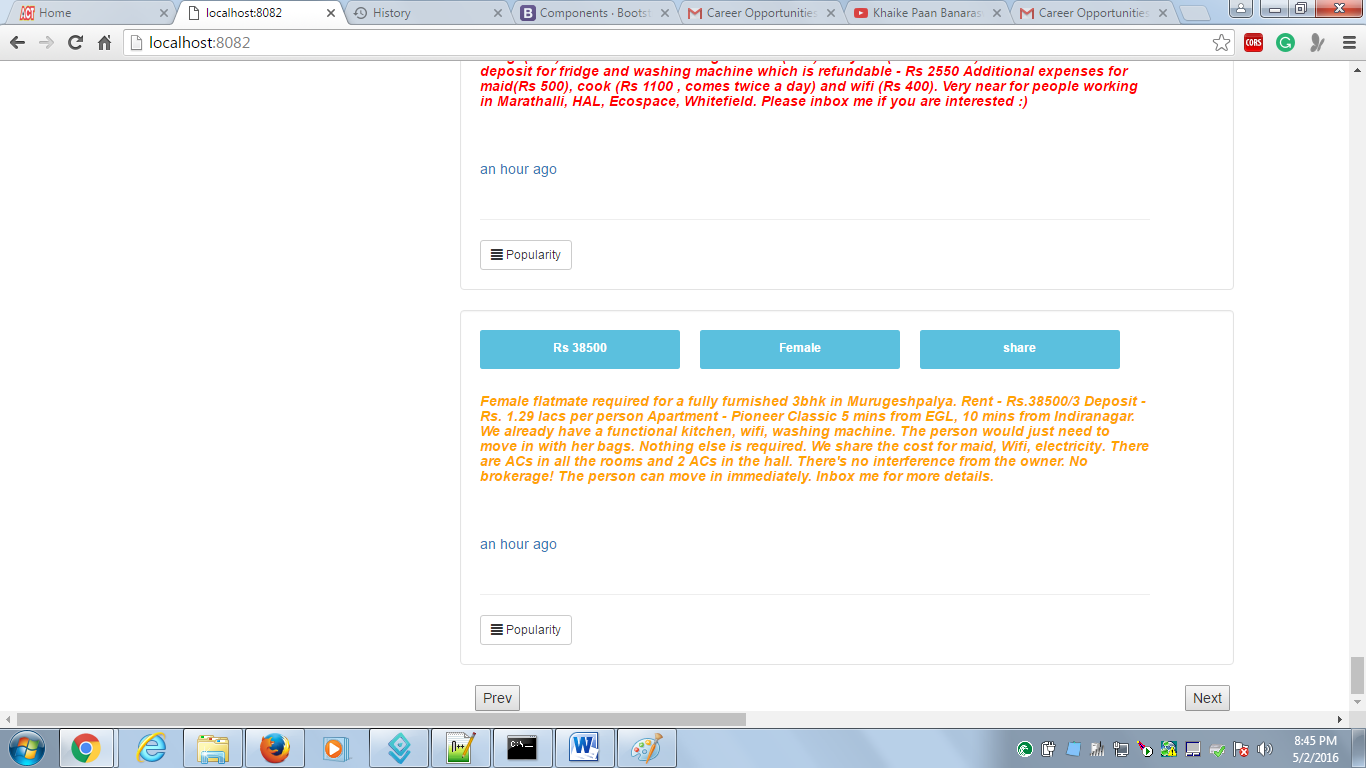
You can add any page Id and the tool will compute it’s data as same as the preceded



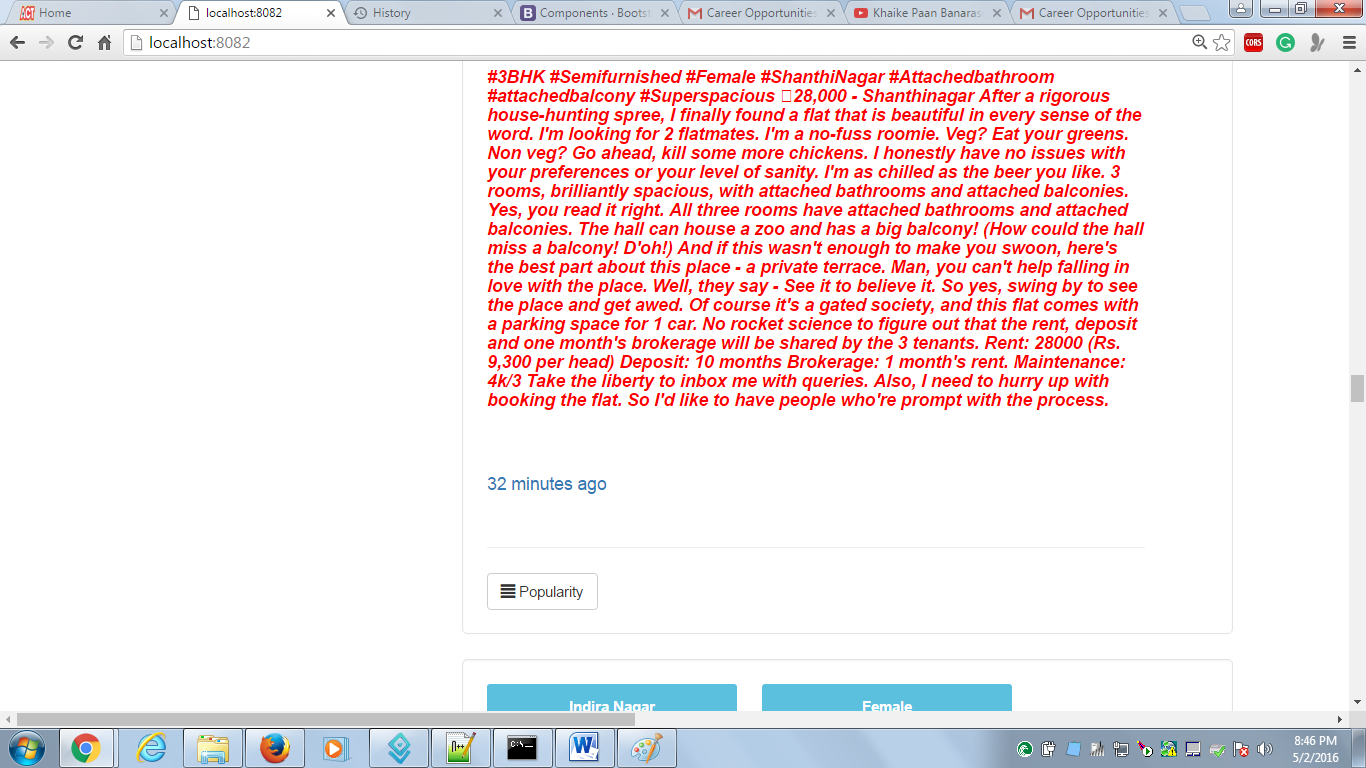


Previous and next page to go for previous and next feed





Added How much time before when the post was made



Thanks and Regards,

Abhishek