Something about us

Have you ever wondered how many stars are there in the sky? And made an attempt to write a code to estimate that? Are you an engineer by heart who can fix any problem in house from leaking taps to cementing small areas? If you are that "curious" by nature to get to the root cause of every problem you encounter and build solutions for it, welcome to our world.

At our company rapidBizApps, we have similar minded engineers, as you are, who are passionate to solve problems through technology and coding. We are a fast growing USA based Technology Company, which architects and executes the enterprise mobility strategy. We mobilize businesses with secure, cost-effective, enterprise mobile apps. We are based out of both USA and India serving and expanding to global clientele.

We handpick our team on a regular basis through Hackathons and Innovation Tournaments. This is an simple exercise to unlock your potential and demonstrate to us that you can build solutions.

This package has one question with a difficulty levels. Feel free to use Google to search, learn and integrate. That said, tell us the Google search terms you used and the sites. In case, your found were more useful than others (they will count POSITIVELY towards your valuation) because Honesty is one of our core values.

To know more visit www.rapidbizapps.com.

The Assignment

This is an exercise to **"show US"** that you are capable and good…really good. In the real world, we use Google all the time. So, feel free to use Google to search, learn and integrate. That said; tell us the Google search terms you used and the sites. You found were more useful than others (they will count POSITIVELY towards your valuation) because Honesty is one of our core values.

We care more about your thought process towards solving a problem than the solution. We were okay with incomplete solutions – but you should convince us that you have spent enough time and effort in trying to 'get the solution.' Oh, and yes,

We will provide you more points for asking us relevant questions pertaining to this problem set (we will subjectively assess the quality of questions you ask). Send your Questions/clarifications to joinus@rapidBizApps.com**.**

Please also read through the instructions before you start coding.

Instructions to solve the problem sets

Simple rules:

1. Use any programming language you are comfortable with

2. Feel FREE to use Google to search for answers. We WANT you to use Google to solve some of these questions (trust us – we are a different kind of company)

   a. **Note:** if you use Google, please catalogue all your search queries and the sites that you found were most relevant to the problem you were searching for. You will get more points for using Google

3. Incomplete solutions will also be graded. We are really interested in the approach you took to solving a problem.

Restrictions:

1. Do not work in a team. If you have queries/questions regarding this problem set, ask us at joinus@rapidBizApps.com.

2. Do not share your answers with others. We run code comparison algorithms (we have a research background J) to look at code similarity – BTW, changing variable names still produces similar binary instruction sets.

3. If we feel that you've shared your answer, you will be denied an opportunity to interview with us. Remember, we value Honesty.

Sending your solutions:

Package your solutions, Google search log + sites you found useful to solve Problem zip it, and email the file (Name it with your full name) with the solution to joinus@rapidBizApps.com.

Evaluation Criteria:

1. Email with solutions / partially completed solutions / explanations ASAP

2. Completed solutions preferred to incomplete solutions

    a. We also rate an incomplete solution (depends on how much you Complete) to a hard problem higher than a completed solution to an

      Easy problem

4. Adaptation of concepts/code from internet search. Not quoting References used, will result in disqualification for interview.

5. If solution is incomplete, we infer what you tried to do base on the code, algorithm, Google search results, etc.

6. Proactive email communication about questions, etc.

7. Impress us more by using the following concepts wherever possible:

    a. Common libraries across problem sets

    b. Recursion

Guidelines to candidates:

1. Source code should be in the original file and with right extension in the file name. (Right extensions are like .c, .java, .html and many more.. BTW .doc/.docx/.txt is not a right extension)

2. Please submit Zip file for each question

3. Submit the output screen shots

4. Please prove that application performs well. This is the one of the best solutions in terms of app performance.

5. Code structure should be good. The project should pass through readability test and maintenance of the application should be quite easy.

6. Code should be reusable.

  PS: Points 1-4 are mandatory

Task:

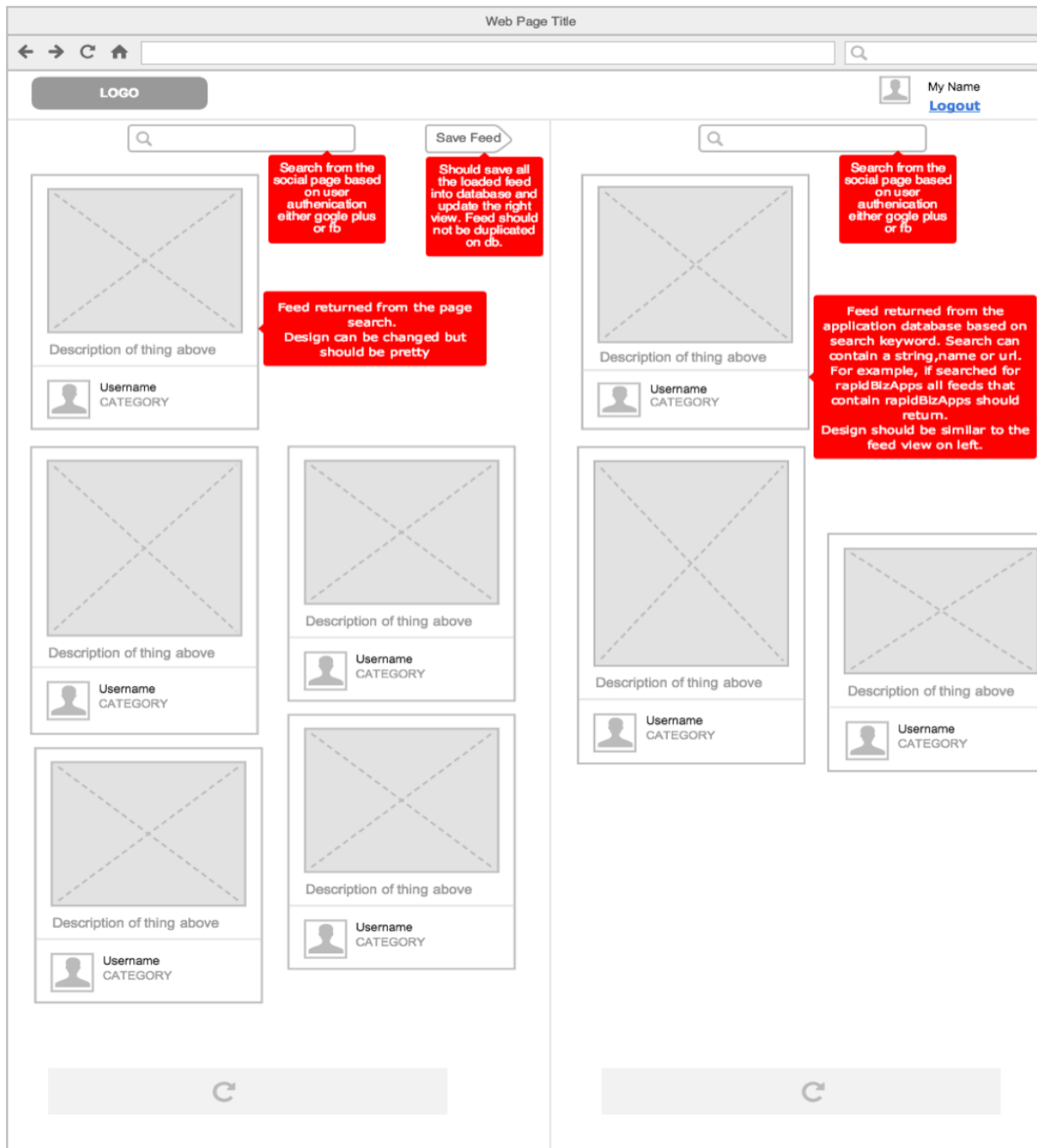**Aim:** Build a social bookmark application
Cond 1: Must follow any MVC architecture(Backbone/Angular...)

Cond 2: Must contain models. Data should be passed through models.
Cond 3: Should store the data into Mongo using Node JS server. User session is must.

Requirement:

1. Create a web application communication to server via Node JS API with Angular JS front end app.
2. Single page application with Sign in default view. Validate the session and navigate to home view if already logged in. Or else allow user to login via Google or Facebook.
3. Authentication data should be stored into Mongo Via Node JS API that has to be created part as part of this application.
4. After logged in, the UI should be like below.

Web Page Title

LOGO

My Name
Logout

Save Feed

Description of thing above

Username
CATEGORY

Description of thing above

Username
CATEGORY

Description of thing above

Username
CATEGORY

Description of thing above

Username
CATEGORY

Description of thing above

Username
CATEGORY

Description of thing above

Username
CATEGORY

Description of thing above

Username
CATEGORY

Description of thing above

Username
CATEGORY

5. All the requirements are shown as a tooltip with red coloured box.
6. Left panel is the social search view and right panel is the app data view.
7. User can search the page either from Facebook or Google plus. Based on user login chosen.
8. On search, go and search for the page and get the feed from that page.
9. On selecting the save, the retrieved data from social API should be stored to our application DB.
10. Right side panel should display the stored feed.
11. User can search with any keyword on the right panel to get the feed that is stored into our db.