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Major Project (Online Assessment System Synopsis)

Document History

Ver. No	Release Date	Created By / Modified By and Date	Reviewed By and Date	Approved By and Date	Remarks and Changes Made
0.1	<i>09-03-2018</i>	Asfiya Khan	Yogesh Gaikwad ,Harish Nambiar	Kirti Mahadik	Initial draft.

Proposed System:

This system is intended to generate online question sets which could be helpful for the users to get evaluated and be sure of their level of comfort in that respective technology. It consists of two login User and Administrator, where the user can login and appear for any requested test available online in respective category, and Administrator have to create the question bank for the appropriate category.

Features:

User Login:

1. Can give test on any of the selected category.
2. Can select the category (Technical/ Aptitude/ Soft Skill) ->sub Category(Java/Perl/A4)->Give Test.
3. Can see the test detailed test report on the basis of sub topic (i.e. If Java test then sub topics will be OOPs, Multithreading, Collections, etc.) as well.
4. Can even download the test report.(Will provide you with sample report format.)
5. Can see the logs of test appeared till date.

Admin Login:

1. Can generate question paper under some category (Technical/Soft Skill /Aptitude Test/etc).
2. Can add category ,sub category, difficulty level to the question set.
3. Can update the question paper template. (Will provide you with sample template format).The template consists of the following fields:

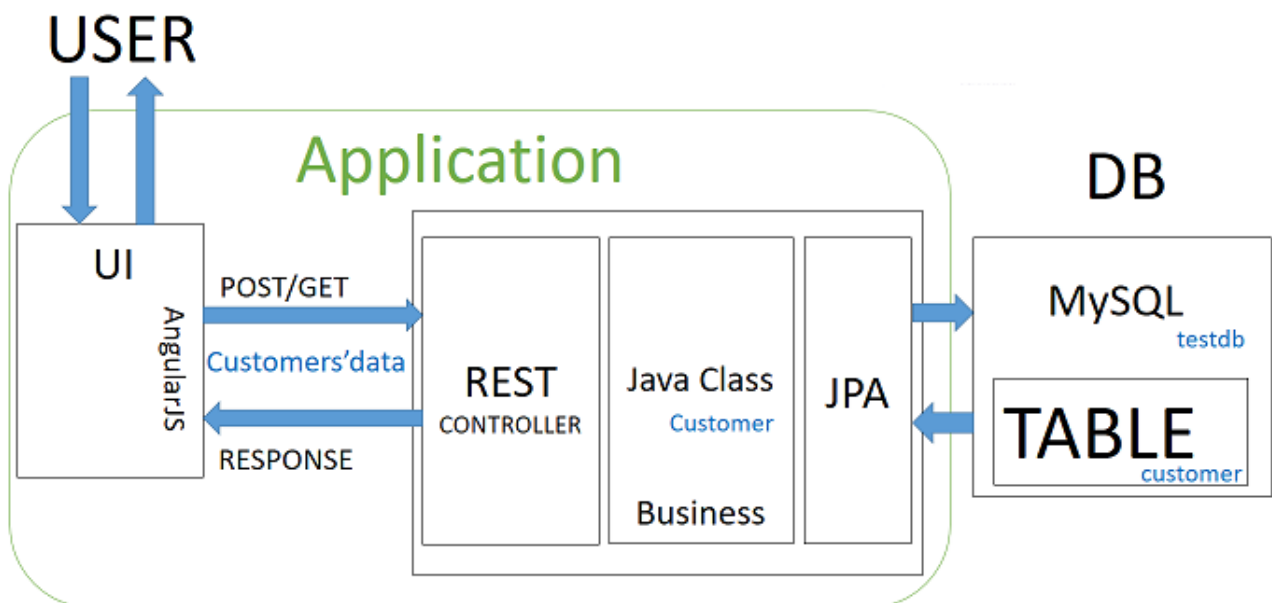
Sr No.	Question	Options	Correct Answer	Marks	Difficulty Level (High, Medium, Low)	Sub Topic
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4. While setting the question paper following things are required:
 1. Category (Technical/Soft Skill /Aptitude Test/etc.)
 2. Question Paper Name
 3. Total Duration
 4. Upload the question paper by name.(Core Java Test)
 5. Marks it will read from the template.

Software Requirements:

- JDK 8
- Spring RESTful Web service
- MySQL
- Front End :
 - SASS
 - CSS3
 - Bootstrap
 - Angular/React
 - RWD
 - Bootstrap
 - Unit Testing with Jasmine + Karma

System Architecture:



Advantages:

- Wide portion coverage and efficient question paper generation.
- No chance of paper leaks.
- No need of transporting papers through police/security vans to all colleges.
- The system provides an unbiased result.
- Thus the system excludes human efforts and saves time and resources.

Disadvantages:

- The system must be given proper inputs otherwise system can produce wrong results.

Applications:

- This system can be used in IT industries for generating question papers and evaluating resources at time of recruitment.
- The system can also be implemented in different organizations that conduct regular exams.

Note: Make assumptions wherever required.

For Reference:

Screen 1:



Screen 2:



Screen 3:

IT Skill Tests > Java programming > **Java Javascript Developer Assessment**

Hire Java Javascript Developers


Java Standard Edition (Java SE) is used for development and deployment of portable code for desktop and server environments. JavaScript is a full-fledged dynamic programming language that can be used to provide dynamic interactivity on websites. A good Java Javascript developer should be able to write and implement reusable and testable codes in Java as well as have knowledge in basics of Javascript.

This test will help you in measuring:

- Proficiency in Java and Javascript Basics
- Hands-on Java Programming skills
- Front End Development Skills

USE THIS TEST FOR SCREENING

Processing request...

Sample Report


Relevant for Industries
</>IT
ITeS

Related Tags

Hi! How can I help?

javascript test

Screen 4:

The screenshot displays the 'Online Exam System' window. It is divided into two main sections: 'Question Criteria' and 'Question Details'.

Question Criteria:

- Category*: --Select--
- Module*: --Select--
- Question Type*: --Select--
- Questionnaire Type: Exam
- Sub Category*: --Select--
- Topic*: --Select--
- Difficulty Level*: --Select--
- Do you want to upload question excel sheet ? ☒ No ☐ Yes

Question Details:

- Question Text*: [Show Matching Questions](#)
- Question Image: No file chosen
Kindly upload .jpg, .jpeg or .png file (Max size : 100 KB).
- Weightage/Marks:
- Trainer *:

At the bottom of the form, there are three buttons: , , and .