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# Introduction:

The Webster organisation is the leading organization in the world of Oil-Gas Company. They have various branches throughout the world. It has various bonds with different multi-national company. The company wants an application to be build for the jobseeker where the entire candidate as per to the criteria will appear for the online test and based on the result of this the candidate will go for further rounds.

Aptitude Test:

The Aptitude test is divided three parts:

* **General Knowledge**
* **Mathematics**
* **Computer Technology**

The test is supposed to be conducted in the linear way, only one link must be active at a time. Each question should carry marks (marks can be decided by the developer from 1 to 5) Steps to be followed:-

* **General Knowledge** link must appear which should contain 5 questions. User will click start button for starting the test. It will have a specific time bound for completion, once the time out, it will check the questions attempted. If the user complete the test before the timer out, then they can click on complete/submit button for proceeding further. *Note: when the candidate logs in they can view all three link of test but only General Knowledge one should be active.*
* Once the first part of the test gets completed then it should follows the second link i.e. **Mathematic**s one. The Mathematics section will also follows the same rule as above. *Note: Candidate cannot move back on the previous once it is completed and submitted by them.*
* The last part of the test would be of **Computer Technology section** where again the same rule is to be followed as for the above two but as it is the last step then the candidate will have to click on complete my test button (you can choose the appropriate name also). After clicking on this button the result of the candidate should be calculated and must produce on the screen of the candidate machine. Where if they have cleared it should prompts that “*You have cleared this round, next round would be HR Round”* else no message should be prompted.

# Client Requirements:

Client has put forwarded all the list of data’s, he/she required in the application which is stated below:

* MANAGER: Manager will have the authority to enter the details of the candidates appearing for the interview. Details to be maintained like Education details, Personal details, Work Experience. After this Manager will allocate the Username and Password for the candidates.
* Manager can even view the list of all the candidate who is or has appeared along with the result (if achieved)
* If the candidate passes the test, then their names are transferred for next round (HR) round. In the transfer process the data of the candidate must be transferred in the new table (Transfer/ Apti-clear Table) which will be referred by the concern person.
* Manager even will have the responsibility to edit, update, add, save the test question. For doing this the manager has go in the test section available on its profile and can change the question accordingly by clicking the edit button and then saving the new question.
* Report section must be added for viewing the generalized data which can be filter by date, week or month.
* CANDIDATE LOGIN: Each candidate will have their login details provided to them by the Manager. These details must be entered in the candidate’s login section.
* Candidate will start the test then as per the schedule, time allocated for the test. They are supposed to follow the linear mode and once the answer is submitted then it can be changed.
* After finishing the test the candidate will have to click on “Complete my test” and then log out the session.

Note : While entering the data of the job seeker a constraint validation must be provided on the fields to accept the proper data type information.