

## **e-Counselor(Brain Fitness Manager)**

**AIM:** Present the most advanced IQ calculator and advise for future.

### **Functional requirements:**

- It must be able to interact with the user by accepting their interests and presenting them various tests that evaluates their IQ level and guide for future interest.
- The application must provide a formatted page describing the various areas(like Technical, aptitude, psychological) in which the user is good, the areas that need to be improved. The team that will summarize their report in a graph based approach specifying each and every detail of the evaluation will score more.
- Suggestions to improve their score, the sites to consider for improvement, must be provided on the evaluation page.
- Each user must be provided with a login page.
- The user must see a page describing the tests taken so far, their activity levels and improvement on daily basis.
- This summary page must provide the winner of each day and overall winner of all time.
- The test must be timed and should be on the random basis each time it is clicked.
- It can be possible that user can take the test in casual way so warn them that the test score will be added and get averaged for each re-attempt.
- Addition functionality can be thought by team and it will fetch them bonus marks.
- Most of the evaluation must be done on client side so that time can be reduced.
- Designs and Layouts that are structured and fluidic will also fetch extra points.

### **Technologies to be used:**

- The project is platform independent and any server side language can be used for application development. Preferred ones are PHP, ASP.NET or JSP.
- Any database can be used. Preferred ones are MySql or Oracle or IBM DB2.
- XHTML 1.0, CSS 2, and Javascript.
- Respective Web Servers apache or IIS.

### **Evaluation:**

- On each implementation of functionality, the team will be awarded with points.

- Self Designed templates will fetch more points.
- Database structure that is normalized will be awarded reward points.

### **Submission Requirements:**

- Please provide the folder in zipped format.
- Installation details must be provided in a siteInstall.txt file.
- Database structure should be provided in a \*.sql file and specify the technologies used in siteInstall.txt.
- An Abstract Document must be provided focusing the various functions implemented and scope of the system.
- The most structured and presentable document will fetch more points. Various diagrams can be used like E-R diagrams, Flow Charts, Use Case Models etc. These will fetch more points.