

# Ayush - status log

working on making an interface similar to [economist.com/quiz](http://economist.com/quiz)

Please update this log thrice a week - Mon, Wed, Fri, using the following format:

[Date]

- What I have done (since the last update)
- What I plan to do next
- Anything that I am stuck on and need help with

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[25/05/2015]

- Started working on first how to access the page i.e all the login procedures by creating a account or through facebook
- After this is completed and then will work on profile features that user will create.
- Successfully integrated facebook login but unable to get the user data. Will try to figure it out as soon as possible.

[27/05/2015]

- Completed the login work and sign up work.
- Quiz part and after that forget password work.
- Facebook data as mentioned earlier but now will figure it out later after the quiz part is done.

[29/05/2015]

- Formed the architecture for the quiz and started working on it with the help of AJAX, Python and JQuery
- Quiz part
- Dealing with multiple ajax calls but will figure it out.

[01/06/2015]

- Took sample questions from original website and made the quiz part. I am dynamically getting the next question on the webpage using jquery and ajax as the previous question is submitted and also updating his score simultaneously. If the answered question is correct then for now I am changing the background color to green and vice-versa to red but will now work on that will generate a pop up and will tell the user whether his answer is correct or not and will color only a specific div where questions and answers are placed. Also made a portal where the administrator can upload the questions daily. Currently assuming that administrator uploads the .sql file but later on will write different scripts for .txt files and for .xml files to be converted into .sql. Also forget password work is completed.
- Work left on UI of quiz part and also the table which shows the top 20 players with their scores, no of games and average score.
- Ajax calls were figured out. Only Facebook data is left out !!

[03/06/2015]

- Quiz UI part completed!! I am updating the main table and calculating the total score, no of games and average score. Also generating a dialog box using jquery UI as soon as each question is submitted. If the answer is correct it will display in dialog that you have scored 10 points and if the answer is wrong it will display answer selected and correct answer in dialog. At the same time it will load the next question and will color a div accordingly
- The top 20 player table and after that profile creation work
- In my application and as per website we can attempt the same quiz again and again with same questions in the day!! So Sir, Do you want this to continue or I should make the change that if the user has attended the quiz so he cannot re-attempt the quiz again till the administrator uploads the new quiz.

[05/05/2015]

- Sir, I apologize that I couldn't work for these 2 days because my laptop's display malfunctioned. It's in service center now. Most probably will get by tomorrow evening. Will complete the pending work as soon as possible.

[08/06/2015]

- Completed the top 20 player work.
- Work left on profile creation
- Fb data

[10/06/2015]

- Working on profile work and side by side completed the scripts for xml and txt files. So now administrator can upload a .txt file and .xml file in the specified format. Also got an idea to ease the administrator work by crawling the questions and answers from the original website. So implemented and gave a button in the UI to the administrator. He can simply click on the button and the crawler will crawl from website and store it in database in the required format. Only constraint is it takes 10-15 seconds on a 3G connection but on 2G it may take a little longer but I think it may ease up the work. Still crawler needs to be tested when the next questions are uploaded.
- Work left on profile
- fb data

[12/06/2015]

- Tested the crawler and it was working perfectly!! Also the profile work was completed. In the profile he can see his photograph if the user has provided the valid shared picture link during sign-up. Also he can view his stats. There he can read the rules and click on a button to play the quiz. Also there is a feedback form where he can give his feedback.
- Front page work where he can view about the company and some description about quiz. For company profile I will take the data from your website and for quiz description I will write a short description. After this only error handling and resolving of vulnerabilities (if any) is left.
- fb data needs to be figured out.

[15/06/2015]

- Front page work completed with a little modifications from the page sent to you. Also solved some of the vulnerabilities. Also successfully integrated the facebook login. If the user is logged in into his facebook account the application will automatically login and create a profile by fetching the details from the public profile like name, email,gender and profile picture in bigger size and will create the profile and save the details in the database too so that next time he logs in his scores etc can be saved.
- Will do rigorous testing to find other faults and improve the application.
- There is a small doubt that the facebook app automatically detects that if a user is already logged in into his facebook account (which most often users do) it detects and automatically logs the user in my app using fb credentials. But my doubt is if the user has a fb account logged in and he don't want to use facebook login feature then what to do?? For now I am just doing one thing that I am logging out the user from his account so that he can use his our own website account instead of fb. and if he wants to login in fb he can click on fblogin button and proceed. So I have currently removed the automatic login feature. Will this be ok??

[17/06/2015]

- Tested the application for some inputs and it was working. Working on improvements in the application
- Improvement of application
- previously mentioned doubt

[19/06/2015]

- Changed the logout procedure now he can logout from the profile also also changed the start quiz page for better user experience.Bug found in the application that if the user leaves the quiz by closing the browser in between then the user cannot play quiz again. Fixed it by making an ajax call to a script which will cause the database to be refreshed so that he can attempt the quiz but his score for the quiz attempted will be lost because he left in between.
- Searching for more bugs and fixing them.
- previously mentioned doubt.

[22/06/2015]

- Completed the application. Implemented a new security standard for the app. Previously was writing the content directly into the localStorage but now using network security concepts of AES and base64 encoding made the app secured from some attacks. This will prevent the hacker from hacking and getting access to the databases.
- Design Documentation and comments to be added in the codes
- nothing.

[24/06/2015]

- Completed the documentation and added comments as desired.
- Waiting for any further modifications.
- nothing