Experiment Platform for Cognitive Learning – ALPHA RELEASE – Tasks and Questionnaire

Tasks:

1. Attempt Experiment:
   1. Address: <http://localhost:8080/psych/epcl/files/admin/user-login.php>
   2. User ID: 10001
   3. Follow the On Screen instructions and complete the test
2. Find the following Information in the Admin Panel
   1. Address: <http://localhost:8080/psych/epcl/files/admin/index.php>
      1. ID: admin
      2. Password: adminp
         1. Info Available in dashboard.
            1. Find how many times User 20002 has attempted the Experiment.
         2. Info Available in Report
            1. Find User 10002 Learning curve

In Block 4 what is the user’s positive answers(conception), average reaction time and change in learning

Zoom in for more accuracy

* + - * 1. Convert 200xx- Group Heatmap to PDF and JPEG image
        2. Find average learning reaction time for Group 100xx for Block 5
  1. Logout

1. Create and Modify Experiment:
   1. Address: <http://localhost:8080/psych/epcl/files/admin/index.php>
      1. User ID: admin
      2. Password: adminp
   2. Click ‘Create New Experiment’ from the Left Menu
   3. Data:
      1. Experiment ID : T0003
      2. Experiment Name : Test-Gen3
      3. Description : Alpha-Test Setup
      4. No. of Trials : 15
      5. No. of Blocks : 3
      6. Feedback : Yes
      7. Diagnostic Trial : No
      8. Select ‘Yes’ – Confirm
      9. Click ‘Next’
      10. Confirm the Data Entered in the Next Screen
      11. Click Submit to Create a test
   4. Click ‘Modify Existing Experiment’ from the Left Menu
      1. Select ‘T0003’ from Experiment ID Dropdown
      2. Change the value of ‘No. of Blocks’ from 3 to 5.
      3. Click ‘Save’ button
   5. Logout

Questionnaire:

1. What were the 3 most difficult thing/ or single most difficult thing that you faced during completion of each task?
2. Did you find anything confusing/misleading in each task?
3. Any suggestions for improvement in each task / in the interface in general?
4. On a scale of 1-5 how easy was the interface to use
5. How clear were the instructions (1-5 scale)
6. What do you think of the color combinations used in the interface/reports?
7. What more functionalities you think should be added to the application?

User Interface Measures:



Participant’s Feedback:

* + - 1. The participants were confused between User and User Group. They needed a clear explanation of what notation represents user/user group and the difference between them when selecting the results.
      2. Distinct separation between positive and negative conception in the learning curve
      3. No scrolling throughout the application. Use Tabs wherever more than one curve is displayed (in Dashboard)
      4. More Clear Instructions/Walkthrough/Tutorial for Users attempting experiment for first time.