Electronic Prototype Teacher Proforma Tests

Test Case ID #1	
Rationale	1. As users need to sign in every time they use EduBoard, thus the sign in process must be quick and easy for users. 2. The convenience of multiple login accounts (login via Facebook, Google) is outweighed by having a single EduBoard account.
Goal	1. To test if the login process is quick and easy for users. 2. To test whether only having login via an EduBoard account is most convenient for users.
Steps to be Executed	1. Instruct the user to log into EduBoard.
Record Actual Result	• All users successfully logged into EduBoard

Pass/Fail	• Pass
	    o User successfully logs into EduBoard without error or confusion.
	• Fail
	    o If the user cannot sign up at all.
	    o If the user cannot understand what to enter for the sign in fields.

Test Case ID #2	
Rationale	1. Understanding the features on the main page and how to navigate through EduBoard. 2. Ease of navigation is important for our users, especially parents or teachers who are not confident with using technology.
Goal	1. To test if the main page is easy to navigate and if features are clearly identifiable. 2. To establish if the language used to describe features, such as "board" are easy for users to understand.
Steps to be Executed	1. Ask the user what they believe a "Board" and a "Topic" is. 2. Instruct the user to state how many documents and articles have been uploaded to Board 1. 3. Instruct the user to identify how they would comment on a particular document or article.
Record Actual Result	• 5 users completed the task successfully • One user was initially confused at where to find a topic, but could locate it after a few seconds

Pass/Fail	• Pass
	    o User successfully understands the main page of EduBoard.
	• Fail
	    o If the user cannot examine what a board or topic is.
	    o If user cannot state how many documents and articles are uploaded to board 1.
	    o If user cannot identify how they would comment on a document or article.

Test Case ID #3	
Rationale	1. Uploading documents is essential to providing resources for parents. 2. Without content for parents to view, EduBoard is redundant.
Goal	1. Assess the ease of uploading documents for teachers.
Steps to be Executed	1. Ask user to upload a new document to Board 1. 2. Read the document that was uploaded
Record Actual Result	• All users successfully uploaded a document and then read through it.

Pass/Fail	• Pass
	      o User successfully understands how to upload documents to EduBoard.
	 • Fail
	      o If the user cannot find/comprehend the upload button.
	      o If the user cannot navigate through a document preview.

	Test Case ID #4
Rationale	1. Like uploading documents, teachers must be able to easily share articles to EduBoard. 2. Content is critical for EduBoard to help inform parents regarding their child's education.
Goal	1. Assess the ease of sharing articles to EduBoard.
Steps to be Executed	1. Ask user to share a new article to Board 1. 2. Ask user to share this link https://www.thoughtco.com/principles-of-counting-2312176 and to post the comment "Useful for teaching counting"
Record Actual Result	• All users successfully uploaded the article. • Two users struggled to write in the comment input field initially, however this was a problem with the prototype.

Pass/Fail	• Pass
	    o User successfully understands how to upload articles to EduBoard.
	• Fail
	    o If the user cannot find/comprehend the upload button.
	    o If the user cannot copy a link to be shared.

Test Case ID #5	
Rationale	1. Communicating directly with parents is critical for effective parent/teacher communication. 2. Commenting on documents is an important way for parents and teachers to communicate about a resource.
Goal	1. Determine if the commenting system is easy to use and understand. 2. Establish if parents and teachers consider commenting on a document a necessary feature and if they would use this feature.
Steps to be Executed	1. Ask user to read all previous comments. 2. Ask user to comment on the document, "I'm so glad to hear it Mr Cameron."
Record Actual Result	• All users successfully commented on the document. • One user had trouble reading the comments.

Pass/Fail	• Pass
	   o User successfully understands how to read and post comments on documents.
	• Fail
	   o If the user cannot open the comments section of a document.
	   o If the user cannot read previous comments.
	   o If the user has difficulty writing and posting their own comment.
	   o If the user does not feel that they would like to have commenting on articles.

Electronic Prototype Parent Proforma Tests

<table>
<tr><td colspan="2" align="center">Test Case ID #1</td></tr>
<tr>
<td align="center">Rationale</td>
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1. As users need to sign in every time they use EduBoard, thus the sign in process must be quick and easy for users.
2. The convenience of multiple login accounts (login via Facebook, Google) is outweighed by having a single EduBoard account.

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<td align="center">Goal</td>
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1. To test if the login process is quick and easy for users.
2. To test whether only having login via an EduBoard account is most convenient for users.

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<tr>
<td align="center">Steps to be Executed</td>
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1. Instruct the users to log into EduBoard.

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<tr>
<td align="center">Record Actual Result</td>
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- All users successfully logged into EduBoard

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<tr>
<td align="center">Pass/Fail</td>
<td>

- Pass
  - User successfully logs into EduBoard without error or confusion.
- Fail
  - If the user cannot sign up at all.
  - If user cannot understand what to enter for the sign in fields.

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	Test Case ID #2
Rationale	1. Understanding the features on the main page and how to navigate through EduBoard. 2. Ease of navigation is important for our users, especially parents or teachers who are not confident with using technology.
Goal	1. To test if the main page is easy to navigate and if features are clearly identifiable. 2. To establish if the language used to describe feature, such as "board" are easy for users to understand.
Steps to be Executed	1. Ask the user what they believe a "Board" and a "Topic" is. 2. Instruct the user to state how many documents and articles have been uploaded to Board 1. 3. Instruct the user to identify how they would comment on a particular document or article.
Record Actual Result	• Three of four users completed the task successfully. • One user was initially confused about page layout, but could adequately identify features after studying page.

Pass/Fail	• Pass
	  ○ User successfully understands the main page of EduBoard.
	• Fail
	  ○ If the user cannot examine what a board or topic is.
	  ○ If user cannot state how many documents and articles are uploaded to board 1.
	  ○ If user cannot identify how they would comment on a document or article.

Test Case ID #3	
Rationale	1. Communicating directly with teachers is critical for effective parent/teacher communication. 2. Commenting on documents is an important way for parents and teachers to communicate about a resource.
Goal	1. Determine if the commenting system is easy to use and understand. 2. Establish if parents and teachers consider commenting on a document a necessary feature and if they would use this feature.
Steps to be Executed	1. Ask user to read all previous comments. 2. Ask user to comment on the document, "I'm so glad to hear it Mr Cameron."
Record Actual Result	• All users successfully commented on post.

Pass/Fail	• Pass
	   o User successfully understands how to read and post comments on documents.
	• Fail
	   o If the user cannot open the comments section of a document.
	   o If the user cannot read previous comments.
	   o If the user has difficulty writing and posting their own comment.
	   o If the user does not feel that they would like to have commenting on articles.