

2016 09 26

Present: Dig-it Project Manager
 Dig-it Content Uploader
 Nathan Begbie
 Ethan Marrs

Nathan

Nathan presented the work that he has done so far.

Have the database dump. Have the static content, which caused pretty major delays. Have put all of that content into its own webpage, so i can measure how we improve performance. I've decided that instead of manually converting equations, I'm going to be 'dogfooding'. I've found a viable alternative to the equation editor called MathQuill, which stores the underlying data as latex (win!).

Demo the toolbar and what it can do.

What still needs to be done:

Toolbar

- * GUI toolbar for adding elements directly to the equations
- * delete items
- * move items
- * selecting a correct answer
- * styling
- * add 'copy equation' abilities
- * 'add images' capabilities
- * make including the
- * make copy and paste more intuitive
- * investigate multi-line 'equations'
- * user testing?
- * [stretch] include keyboard shortcuts
- * [stretch] check the mathematical validity of input

Template and Image Processing

- * redo script to include local static images and whether a question is correct
- * set up a call to get images for equation that we cannot translate into html
- * look at translating latex into html where possible

- * Look at images together where possible

Other

- * investigate how unicode renders on the phone
- * generate actual metrics for the report

Questions and feedback?

What about a preview as the questions are created?
Or when you submit, what it looks like?

Ethan

1) Flow Clarifications

> Question orders merged into topic – ordering with respect to topic, question order should allow for question arrangement BEFORE merge into topic. Also, validations on moving stuff is important.

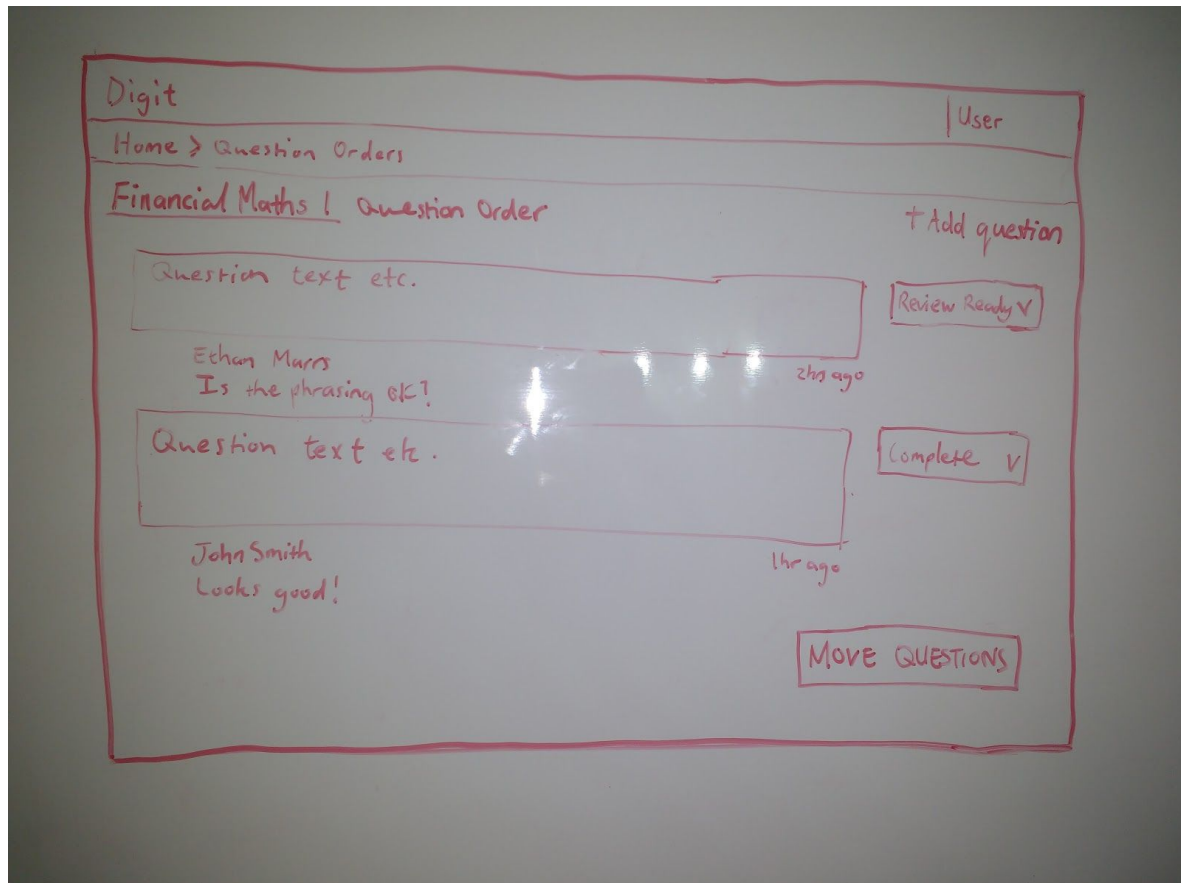
2) UI

> Screens

> Dragging? – better than up/down buttons

3) Functionality

> Missing tools? – nothing as of right now, will need more inspection



Point raised about where the commenting is happening - so where you have comments on a particular question, have a flag. The user then clicks through to the question to see the question, with comments (probably) at the bottom of the screen.

Lauren raised the issue around filtering and sorting (so that items that are flagged or need attention float to the top)

Nathan also raised a question around what would be displayed where it says 'question text'.

?? How is batch processing going to work?

?? Won't every question that appears be 'needs review' rather than 'complete'?

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User

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Grade 10 Syllabus

Revision 1

ID	BLOCK	QUESTIONS	WEEK	ORDER
<u>3</u>	1	15	5	↑ ↓
<u>1</u>	2	10	6	↑ ↓
<u>2</u>	3	18	7	↑ ↓

Financial Maths 1

ID	BLOCK	QUESTIONS	WEEK	ORDER
<u>5</u>	1	3	8	↑ ↓
<u>9</u>	2	2	9	↑ ↓
<u>3</u>	3	10	10	↑ ↓
<u>1</u>	4	15	11	↑ ↓

?? The questions are ordered in blocks, but shouldn't we order them at the granularity of questions and then they automatically get added to blocks? - may have to have two ways to view and interact with the data.

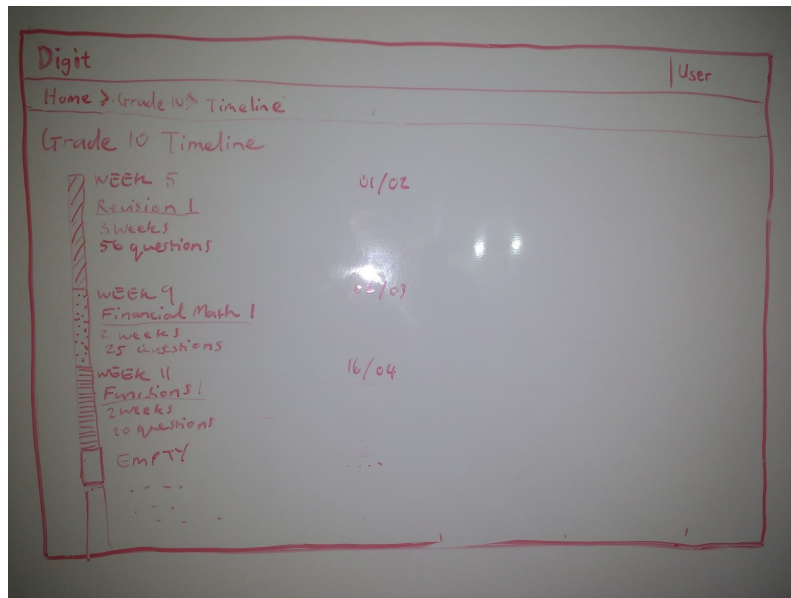
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Revision 1 Block 1

ID	CONTENT	STATE	ORDER
<u>3</u>	Factorize the equation ...	Complete	↑ ↓
<u>1</u>	For the expression $f(x) = \dots$	Complete	↑ ↓
<u>2</u>	For $\sum (x-y)^2 / 2$, find	Complete	↑ ↓



"Really cool" - Lauren

Other:

Automated question name generation? - it's handled

Usability from the content loader perspective. What about wait time for the person

Wanted to know about serving up questions randomly and how we would avoid cheating.