

# Moriah

## NEA Survey Response

### The student

<b>Name</b>	Moriah
<b>School Email</b>	sy17oshungbemim@sydenham.lewisham.sch.uk
<b>Programming Level</b>	3 / 10

### Student's project

<b>Description</b>	A quiz app that uses flash cards and questioners for revision
<b>List of languages</b>	Python
<b>List of technologies</b>	Replit, PyScripter
<b>Experience using languages/technologies</b>	Python - Have been using it for about 5 years
<b>Client</b>	
<b>Client's identity</b>	A few of my friends
<b>Client fictional?</b>	No

### Student's Progress

<b>Current section</b>	Design
<b>List of completed sections</b>	Analysis
<b>Current page count</b>	2
<b>Progress by section</b>	
<b>Analysis</b>	$25\% < x \leq 50\%$
<b>Design</b>	$0 < x \leq 25\%$

<b>Technical Implementation</b>	Not started (0%)
<b>Testing</b>	Not started (0%)
<b>Evaluation</b>	Not started (0%)

## Other

<b>Implementation concerns</b>	Applying SQL and coding in general
<b>Anything else? (Misc)</b>	I'm not great at coding

## Louis' Comments

<b>General Comments</b>	<p>The lack of a <a href="#">GUI framework/toolkit</a> suggests this project may be entirely text-based. If so, this is probably the right decision given the self-assessed skill level and progress.</p> <p>Replit could just be being used as an IDE, however, it also has hosting capabilities. Are these being used by this project?<sup>1</sup></p> <p>The current level of progress is concerning, with the majority of Analysis and Design still to be completed. This, along with the low page count (2) means I'm concerned that this project will likely not be complete by the deadline (at the current rate of progress).</p>
<b>Next steps</b>	<p>Like other several other students in the class, Moriah may require help using SQL.</p> <p>Ensure that any work on a GUI is only started once the rest of the NEA is complete.</p>
<b>Complexity</b>	If fully completed, this project could reach the top complexity band, though this seems unlikely at the current rate of progress.

***See the next page for detailed complexity band information.***

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<sup>1</sup> I suspect it's just being used as an IDE, with PyScripter being used in school.

			Moriah
BOTTOM MARK BAND	Algorithms	Simple mathematical calculations	Could Have
		Linear search	Should Have
	Databases	Non-SQL table access	Not Used
		Simple data structures	Should Have
MIDDLE MARK BAND	Algorithms	Simple scientific/mathematical /robotics/control/business model	Not Used
		Bubble Sort	Could Have
		Binary search	Must Have
		Simple user defined algorithms	Not Sure
	Databases	Single table database	Not Sure
		Simple data model in database	Must Have
		Writing and reading from files	Must Have
	File Access	Text files	Could Have
		File(s) organised for sequential access	Must Have
	Web Stuff	Calling Web service APIs	Not Sure
		Simple client-server model	Could Have
	Data Structures	Multi-dimensional arrays	Must Have
		Dictionaries	Not Sure
		Records	Should Have
		Simple OOP model	Should Have
TOP MARK BAND	Algorithms	Complex scientific/mathematical/robotics/control/business model	Not Used
		Hashing	Not Sure
		Merge sort	Not Sure
		Advanced matrix operations	Not Sure
		Recursive algorithms	Must Have
		Graph/Tree Traversal	Not Sure
		Complex user defined algorithms	Not Sure
	Databases	Complex data model in database	Could Have
	File Access	Files(s) organised for direct access	Must Have
	Web Stuff	Server-side scripting using request and response objects	Not Sure
		Complex client-server model	Not Used
	Data Structures	Hash tables	Not Sure
		Lists	Must Have
		Stacks	Not Used
		Queues	Not Used
		Graphs	Not Used
		Trees	Not Used
		Complex OOP model	Not Used
		Linked lists	Should Have