Patrick

NEA Survey Response

The student

Name	Patrick
School Email	laddp001.209@student.foresthillschool.co.uk
Programming Level	5 / 10

Student's project

Description	IT Ticketing/Logging System
List of languages	Python (and SQL for database)
List of technologies	Pyscripter
Experience using languages/technologies	Python - 7 years
Client	
Client's identity	My Dad (Works in IT)
Client fictional?	No

Student's Progress

Current section	Design
List of completed sections	Analysis
Current page count	10-15
Progress by section	
Analysis	Completed (100%)
Design	50% < x ≤ 75%

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Technical Implementation	0 < x ≤ 25%
Testing	Not started (0%)
Evaluation	Not started (0%)

Other

Implementation concerns	Linking project to a database (Inputting data into a database)
Anything else? (Misc)	

Louis' Comments

General Comments	The lack of a GUI framework/toolkit suggests this project will be entirely text-based. Patrick's progress isn't too bad, especially compared with some of his peers. He would ideally be slightly further along at this point and I'd like his page count to be a little higher, but I'm not too concerned at this point.
Next steps	Like many of the other students in the class, he has identified SQL as a weakness, so may need some help "Linking [his] project to a database".
Complexity	I believe his project is likely to be in the middle complexity band.

See the next page for detailed complexity band information.

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

13/01/2024