

Surveys

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Preview

13 Questions



University of Glasgow

Survey into an Affective Survey Tool for Identifying Students at Risk in CS1 Labs

Add Question

Q1

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Thank you for participating in this user survey. To continue you must be over the age of 16 and be involved in a computer science course in higher education.

My name is Gareth Sears and I am conducting this survey as part of my MSc project in the field of computer science education. The survey will be used to inform the development of a software tool. Surveying potential users is an important part in ensuring the final software product meets their needs. The tool's purpose is to assist instructors in quickly identifying students requiring additional support in an introductory computer science course. This survey will be used to prioritise features in the software and inform the user experience.

Your answers will remain completely anonymous and your data will not be used outside of this project. Please remember that it is the proposed software, not you, that is being evaluated.

By completing this survey, you are giving consent for your answers to be used in the project. If you have any questions or concerns, please contact me at 2493194s@student.gla.ac.uk, or contact my supervisor at mireilla.bikangaada@glasgow.ac.uk.

Add Question

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Q4

Providing feedback at the end of labs

Add Question

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Q7

The software tool would track how a student feels after lab tasks in order to determine if they need extra support. Students would rate:

- The difficulty of the lab task
- The familiarity of material in the lab
- How interested they were in the lab task
- Their ability to plan and implement a solution
- Their sense of improvement after the task
- Their frustration levels after the task

Add Question

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Q2

How long would you be prepared to spend on a such a feedback survey at the end of each lab?

☐ < 2 min

☐ 2-4 min

☐ 4-6 min

☐ 6-8 min

☐ 8 min+

Add Question

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Q6

In addition to your feedback on the lab tasks, there will be an option to write a short entry reflecting on your experiences of that particular course so far. Which topics would you be prepared to comment on?

☐ Workload / Time management

☐ Student-faculty communication

☐ Coursework

☐ Lectures

☐ Relationships with peers

☐ Course material

Add Question

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Q3

Are there other aspects of the course you would comment on?

Multiple Row Answer text

Add Question

Page Break Separator

Q14

• Which device(s) would you use to complete such a survey?

☐ Lab PC

☐ Laptop

☐ Smartphone

☐ Tablet

Add Question

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Q5

Tool functionality

Add Question

Page Break Separator

Q9

In addition to surveys, the tool will have other features to assist students in requesting support and monitoring their own progress.

Add Question

Page Break Separator

Q10

• Please rank (1-7) the following features in order of how important they would be to you:

A 'self-flag' button to signal to instructors that you feel you need extra support - Select -

Graphs showing your responses over time - Select -

The ability to see which labs you have been flagged as 'at risk' in - Select -

Quick email links to lab tutors and instructors - Select -

The ability to see which courses you have been flagged as 'at risk' in - Select -

The ability to review your previous responses - Select -

Shortcuts to pending lab feedback surveys on a home screen - Select -

Rank values must be from 1 to 7

Add Question

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Q11

Are there any other features that would be important to you in such a feedback tool?

Multiple Row Answer text

Add Question

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Q14

The tool would use systems that could automatically flag a student as needing support based on their responses, as well as other techniques such as sentiment analysis on written responses. This is to assist instructors with identifying students in need in large cohorts. Additionally, instructors could manually flag students they felt as needing extra support (from interactions in labs, etc.).

Please rank the following in importance to you regarding the transparency of the system.

Knowing the reason why I have been flagged - Select -

Knowing who flagged me (instructor, automatic, self-flagged) - Select -

Knowing the results of the sentiment analysis on my text entry - Select -

Knowing who can see that I have been flagged - Select -

Knowing which courses I have been flagged in - Select -

Rank values must be from 1 to 5

Add Question

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Q14

Are there any other aspects of system transparency that are important to you?

Multiple Row Answer text

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Edit Footer Thank You Page

13 Questions

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Essentials
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