BASIC DETAILS

Proposed Title : Problems faced by beginners when using SQL.

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Program : HND Computing in Software Engendering

School : IDM-Kalmunai

Intended Research start date : 20/08/2021

Intended Research end date : 30/09/2021

PROJECT SUMMARY

Research method

- Online Questionnaires
- Data analysis
- Research based on reading books.

PARTICIPANTS

The research will be done through the combination of book based research and an online questionnaire with 5 simple questions, and some other methods. However mainly the participants of the questionnaires will come from the google forum platform. As such the exact age range of the participants cannot be decided, more rather the age range is not a factor that this research is bothered with.

All participants of the research are allowed to freely make the decision of completing the form with real details or fake, because during the processing of data I have removed all the research results that seem fake. The barometer by which I decided they're fake are based on the quality of the answers to the 5 questions.

The participants will all be recruited through the Google forum using a Google post which will redirect to the google online questionnaire.

All except the first question of the questionnaire are ommitable. The first question is crucial to the research. It will be a 2 choice question asking "Do you consider yourself a beginner or an expert in the programming industry", the 2 options will be Beginner or Expert. I need this information to separate the research results to newbies and experts. Upon research it became quite apparent that this will **not lead to any ethical issues** as I am not requesting for any direct personal information that could conclude or allow me to identify the participant.

DATA STORAGE AND SECURITY

Personal data is not requested or stored during the period of this research. No one except I will have access to the research data. The documentation will extract qualitative statements to describe the data, and will **not in any way** expose the actual data.

During the period of the research, the data from the questionnaires will all be stored in Google Sheets. After the research has ended, the necessary analysis will be done and this Google Sheet **will be immediately deleted.**

The documentation that will describe the data will however exist as proof of the research that was conducted.

Other external sources that will be used during the research **are not my responsibility** and their **compliance to the data protection act is assured by their respective owners.**

ETHICAL ISSUES

There will be little to no ethical issue involved as the data that will be used to answer the research question will be promptly deleted with no copies whatsoever. The questions that are asked in the questionnaire are not in any way remotely or directly personal. They will simply be questions asking how one would gauge their experiences with SQL.

DECLARATION

I have read, understood and will abide by the IDM Research Ethics Policy.

I have discussed the ethical issues relating to my research with my Unit Tutor.

I confirm that to the best of my knowledge:

The above information is correct and that this is a full description of the ethics issues that may arise in the course of my research.

Name: ABDUL RAHEEM RIHAM AHAMED

Date: 30/09/2021