**Research Proposal Form**

**Student Name**: Kariyakaravana Patabadige Shenesh Ignesiyas Perera

**Date:** 29/04/2019

**Center Name**: IDM-Negombo

**Tutor**: Hasith

**Unit**: Computer Research Project

**Proposed Title**: The difficulties in learning SQL, as a newbie to programming or an experienced developer, and reasons.

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| **Title:** The difficulties in learning SQL, as a newbie to programming or an experienced developer, and reasons. |
| Objectives:   * Find out why it is difficult to learn SQL * Find out if SQL is demanded in the job industry * Find out what pitfalls newbie and experienced developers fall into while learning SQL |
| Reasons:   * I’m a fullstack web developer, and wish to help people that I often meet online that complain it’s difficult to learn SQL * Database programming has always been an interesting topic for me * Data science is predicted to become one of the most demanded professions in the near future |
| Literature Sources:   * The comments at <https://www.reddit.com/r/learnprogramming/comments/7uy6bq/how_hard_is_it_to_learn_sql/> * The answers at <https://www.quora.com/How-hard-is-it-to-learn-SQL-1> * The post at: <https://tableplus.io/blog/2018/08/why-sql-is-the-most-important-skill-to-learn.html> saying that SQL is important and is also quite difficult |
| Research Approaches:   * Use reddit and Stackoverflow to do quantative and qualitative analysis to find relationships, pattens etc. * Use the complaints that I’ve heard from friends and attempt to find out why they have such problems |
| Comments and agreement from tutor:  I confirm that the project is not work which has been or will be submitted for another qualification  and is appropriate.   * Agreed: Yes * Name: Hasith * Date: 29/04/2019 |
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