

Subenetting.sh

Written by:



Create scripts for networking

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# Section 1

[What is the scope of the project?
Identify 2 design specifications that you need to adhere to?
What scripting language would you use to write the code?
What are 2 characteristics of this language that you need to consider in your design?

Project Scope

## Sub-Section 1

* [**Aims of the project:** is to make calculating subnets easy for users
* **Timeline:** took about two weeks from 15 Aug at 0:0 to 30 Sep by 23:59
* **Specific Tasks:** algorithm design needs to be placed

**Payment Details:** project cost 1000

* **Expected Results:** is subnetting calculator

A **design specification** is to make users input subnets and calculate subnets needed within the provided data

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## Sub-Section 2

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| **How the tests are being conducted (5-15 words per test)**  | **Test Outcome Success (10-15 words per test)**  | **Modifications Required (10-15 words per test)**  |
| **Test 1 (allow authorised):**  |  It allows to store inputs and display out puts |  Needs to make loop  |
| **Test 2 (blocking unauthorised):**  |  It blocks error numbers |  Needs to block alphabets  |

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# Section 3

Linux operating system is being used

Command is bash command being used

1,Menu of the program being displayed

The values that can be entered in the software applications

[

2 Error message(s) displayed for invalid value

The output displayed for each value entered in the software application

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# Appendices

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| **Appendices** | **Reference in Report** |
| 1. Appendix 1a: subnetting.sh
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