COIT13236 – Cyber Security Project

**KN University Network Design**

**Technical Artefacts**

**06. IP Addressing and Naming Scheme**

Group 02

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| --- | --- | --- |
| **Name** | **Role** | **Student ID** |
| Krishan Himesh Abeyrathne | System Administrator | 12217274 |
| Narayan Parajuli | System Security Analyst |  |

# Client’s Overview

Melbourne Campus (6 floors)

Floor 1: 10.10.1.0/24 (Subnet Mask: 255.255.255.0, Number of Addresses: 256)

Floor 2: 10.10.2.0/24 (Subnet Mask: 255.255.255.0, Number of Addresses: 256)

Floor 3: 10.10.3.0/24 (Subnet Mask: 255.255.255.0, Number of Addresses: 256)

Floor 4: 10.10.4.0/24 (Subnet Mask: 255.255.255.0, Number of Addresses: 256)

Floor 5: 10.10.5.0/24 (Subnet Mask: 255.255.255.0, Number of Addresses: 256)

Floor 6: 10.10.6.0/24 (Subnet Mask: 255.255.255.0, Number of Addresses: 256)

Sydney Campus (5 floors)

Floor 1: 10.20.1.0/24 (Subnet Mask: 255.255.255.0, Number of Addresses: 256)

Floor 2: 10.20.2.0/24 (Subnet Mask: 255.255.255.0, Number of Addresses: 256)

Floor 3: 10.20.3.0/24 (Subnet Mask: 255.255.255.0, Number of Addresses: 256)

Floor 4: 10.20.4.0/24 (Subnet Mask: 255.255.255.0, Number of Addresses: 256)

Floor 5: 10.20.5.0/24 (Subnet Mask: 255.255.255.0, Number of Addresses: 256)

Brisbane Campus (4 floors)

Floor 1: 10.30.1.0/24 (Subnet Mask: 255.255.255.0, Number of Addresses: 256)

Floor 2: 10.30.2.0/24 (Subnet Mask: 255.255.255.0, Number of Addresses: 256)

Floor 3: 10.30.3.0/24 (Subnet Mask: 255.255.255.0, Number of Addresses: 256)

Floor 4: 10.30.4.0/24 (Subnet Mask: 255.255.255.0, Number of Addresses: 256)

Adelaide Campus (4 floors)

Floor 1: 10.40.1.0/24 (Subnet Mask: 255.255.255.0, Number of Addresses: 256)

Floor 2: 10.40.2.0/24 (Subnet Mask: 255.255.255.0, Number of Addresses: 256)

Floor 3: 10.40.3.0/24 (Subnet Mask: 255.255.255.0, Number of Addresses: 256)

Floor 4: 10.40.4.0/24 (Subnet Mask: 255.255.255.0, Number of Addresses: 256)

# Campuses