

**Introduction**

Sun System & Consultants is a well-versed IT service-providing company and they are expanding branch in Melbourne with the building Harper and Cacis having two floors in each and the following is the Cacis Building second floor.

A network is a group of two or more computers that are linked together to share resources (such as printers or CDs), exchange files, and facilitate electronic communication. Computers on a network can communicate with one another via cables, telephone lines, radio waves, satellites, or infrared laser beams (fcit.usf.edu/, n.d.).

|  |  |  |  |
| --- | --- | --- | --- |
| Room Name | Gateway | DNS | IP Range |
| R&D Department | 192.168.2.1/21 | 192.168.1.10/24 | 192.168.2.1 to 192.168.7.254 |
| Development And Testing | 192.168.3.1 /27 | 192.168.1.10/24 | 192.168.3.1 to 192.168.3.30 |
| Business Analyst Office | 192.168.2.1/21 | 192.168.1.10/24 | 192.168.2.1 to 192.168.7.254 |
| Technical Assistant Departments | 192.168.2.33/27 | 192.168.1.10/24 | 192.168.2.33 to 192.168.2.62 |
| Conference Room | 192.168.1.10/24 | 192.168.1.10/24 | 192.168.1.1 to 192.168.1.254 |
| Staff Rest Area 1 | 192.168.3.97/27 | 192.168.1.10/24 | 192.168.3.97 to 192.168.3.126 |
| Staff Rest Area 2: | 192.168.3.129/27 | 192.168.1.10/24 | 192.168.3.129 to 192.168.3.158 |
| Server | 192.168.3.65/27 | 192.168.1.10/24 | 192.168.3.65 to 192.168.3.94 |

Student Name / TP Number : Atul Dhital / NP069586

**Please answer ‘Yes’ / ‘No’**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **Myself**  **TP NO:** NP069586 | **Member 2**  **TP NO:** **NP069785** | **Member 3**  **TP NO:** **NP069827** | **Member 4**  **TP NO:** **NP069847** |
| Participated in group discussion | yes | Yes | yes | yes |
| Helped to monitor group progress | yes | yes | no | yes |
| Contributed useful ideas | yes | yes | no | yes |
| Completed work on time | yes | no | no |  |
| Submitted good quality work | yes | no | no | yes |
| Communicated effectively with group members | yes | yes | no | yes |
| Helped others with their work when needed | yes | no | no | yesyes |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| S.N | Tasks | Contribution Percentage | | | | Total |
| NP069586<me> | NP069847<a> | NP069785  <k> | NP069827<h> |
| 1. | Introduction | 25% | 60% | 10% | 5% | 100% |
| 2. | Objectives | 25% | 60% |  |  | 100% |
| 3. | Scope of project | 25% | 60% |  |  | 100% |
| 4. | Project limitation | 25% | 60% |  |  | 100% |
| 5. | Project planning | 25% | 40% |  |  | 100% |
| 6. | Network topology and architecture | 25% |  |  |  | 100% |
| 7. | Network Security | 25% |  |  |  | 100% |
| 8. | Combined network diagram | 100% |  |  |  | 100% |
| 9. | IP address plan and ranges Justifications | 100% |  |  |  | 100% |
| 10. | Documentation | 25% |  |  |  | 100% |
| 11 | Gantt chart | 25% |  |  |  | 100% |
| 12 | Project Timeline Define | 25% |  |  |  | 100% |
|  | Total |  |  |  |  | 100% |