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| Project Status Report | Overall Status: **Progress** |

# Project Name: Ozmart Network Uplift

Date: 05-Aug-2024

Unit: COIT20265

Student 1: Simarpreet Kaur (12226696)

Student 2: Navdeep Saini (12207773)

Student 3: Anupa Bodhimaluwa (12216471)

Student 4: Mohmed amaan patel (12204426)

Project Mentor: Biplob Ray

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| Overall Work Accomplished till date | * Ozmart Network Uplift Project Plan * Ozmart Network Uplift Project Schedule * Ozmart Network Requirements Document * Ozmart Network Diagram * Ozmart Cloud Features and Security Framework * Github and Kanban Board Establishment * Cloud Features, Flowchart and CSA requirements |
| Milestones accomplished the week of 29-July to 04-Aug | * Ozmart Cloud Features and Flowchart * Ozmart Cloud Security Alliance requirements elaboration * Github and Kanban Board Establishment |
| Individual Contributions | * Simarpreet – Ozmart Cloud Security Framework * Amaan & Navdeep – Github and Kanban Board Establishment * Navdeep-Network Design and Network Requirements * Amaan-Project Schedule, Project Plan and Requirements Gathering and Analysis * Anupa – Cloud features and flowchart |
| Milestone to accomplish in the week of 05-Aug to 11-August | * WiFi Network Design Finalization (Navdeep) * Legacy Network Management (Navdeep) * Bandwidth and Connectivity Planning (Amaan and Anupa) * Working on AWS establishment (Anupa & Simarpreet) |
| Areas/questions for discussion: | * Data Migration planning for hypothetical organization (what’s expected) * Server Migration for hypothetical organization |
| Issues & Challenges: | * None |
| Gitlab & Kanban Link | <https://gitlab.com/ozmart/OzmartStore>  https://gitlab.com/ozmart/OzmartStore/-/boards |

# Project Abstract

OzMart Retail Group, a medium-sized Australian retail company with 1500 employees across four locations, is experiencing exceptional growth in business. They need to expand their infrastructure and are planning to transition their IT infrastructure to the clouds. This project aims to design a robust, scalable, and secure network architecture that will support OzMart's cloud migration strategy while maintaining connectivity for its legacy systems.

The project will address the following key areas

* Design a hybrid cloud network architecture
* Plan the migration of services, applications, and data to the cloud
* Ensure adequate bandwidth and connectivity between sites and to cloud services
* Implement strong security measures for both cloud and on-premises components
* Develop a strong risk management plan and security policies

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| **Deliverables** | **Accountable** | **Status** |
| Project Plan | Amaan | Completed |
| Project Schedule | Amaan | Completed |
| Requirements Gathering and Analysis | Amaan and Navdeep | Completed |
| WiFi Network Design | Navdeep | First Draft |
| Cloud Service Selection | Anupa | WIP |
| Data Migration Planning | Simarpreet | Planned |
| Legacy Network Management | Navdeep | Planned |
| Bandwidth and Connectivity Planning | Anupa & Navdeep | Planned |
| Security Architecture Design | Simarpreet | Planned |
| Application Migration Planning | Amaan | Planned |
| Risk Analysis | Simarpreet | Planned |
| Network Management and Monitoring | Anupa | Planned |
| Prototype Network Development | All | Planned |