School of Information Technology & Engineering

Melbourne Institute of Technology

Networking/Telecommunication Industry Project Description

This project template is provided for industry supervisors to specify the requirements for projects they intend Melbourne Institute of Technology (MIT) students to undertake with industry participation. The description given should enable students and MIT to prepare well to offer and implement the project efficiently. The scope of the project should be complex and big enough to be considered as a two-semester project.

The project description should include the following points:

Project Title:

Industry Client Details:

Name:

Address:

Website:

Email:

Phone:

Project Definition

1. Background and Rational for the project

   This should include a clear description of the problem to be addressed in this project. This may include any problem relating to the design, implementation, maintenance or upgrading of any networking and telecommunication disciplines. It could also be a project looking at the integration of other smaller systems with bigger networking and telecommunication systems.

   Include a detailed background of project. This may be in the form of company publications or a source of publications for students to read to have more details of the project.

2. Project goals and Objectives

   This should be a description of the goals and objectives to be achieved in the project. For instance, if it is a problem with home wireless network systems, then an objective might be

to propose a design and implement a new wireless network system. If it is a problem with an inefficient network processes, then network optimisation solver could be an objective.

Include detailed objectives of the projects.

3. Project Resources

Could you provide the School with an idea of resources (hardware and or software) needed to help prepare for this project. Specify also if and when students need to learn how to use a new software, this will also help them prepare well ahead of time.

4. Desired Outcomes/Deliverables

The project deliverables may include business requirements summary, a complete set of network architecture models and frameworks, new business processes, or network performance reports.

What are some of the expected outcomes and achievement at the end of the project?

5. Add any Other information you wish on the project