



DEPARTMENT OF BUILDING SURVEYING
FACULTY OF ARCHITECTURE, PLANNING AND SURVEYING
UNIVERSITI TEKNOLOGI MARA
CAWANGAN PERAK
KAMPUS SERI ISKANDAR

INTEGRATED FINAL PROJECT (BSR330)

CASE STUDY:

Menara Persekutuan Melaka

PREPARED BY:

MUHAMMAD TAQIUDDIN BIN IQBAL	2016472604
MIOR MUHAMMAD ADAMLULLAIT	2016491698
NORBATRISYIA BINTI NORHAIZAT	2016472544
NURYASMIN FIKRIYAH BINTI ZAINAL	2016491586

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BSR330 - INTERGRATED FINAL PROJECT

I am hereby pronounced this
Intergrated Final Project Report is fully recommended for revision purpose
as the originality and its prospect is being accredited by the departments
through my supervision

Supervised by:

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(PUAN INTAN BAYANI BINTI ZAKARIA)

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ABSTRACT

Menara Persekutuan Melaka is located at Jalan Persekutuan, Hang Tuah Jaya, 75450 Ayer Keroh Melaka which it is in the middle of MITC Melaka. Menara Persekutuan Melaka is a government building and it is built for government agencies at Melaka. The total occupant of the building is 781 people and the total department in the building is 27 departments including, PERHILITAN, Arkib Negara Malaysia Melaka, Jabatan Perancangan Bandar Dan Desa and more. The facility that provided in this building is toilets, cafeteria, prayer rooms and parking lots around the building. For the building services, there are 7 types of services in the building such as water supply system, firefighting system, lift system, air conditioning system, electrical distribution system, security system and telecommunication system.

In maintenance management, it explains about the organizational objectives. The objective is the organization aim to grasp the achievement, a systematic structure of organizational makes the employee easier to work better, it also allows it to remain delivering excellence in every works within the organization, and every position needs to understand their role in a building's operation maintenance to do their work better. The organization chart is including the facility manager in the building, assistant manager, electrical facility and more. There is also the responsible for every role in the building.

Planning is a key element of maintenance management. The execution of maintenance plans need to be monitored to ensure that the actual outcomes match the expected outcomes. If there is no maintenance planning, policy, and programme in the building will face many problems such as delays and lost time during the completing of jobs, incorrect identification of materials resulting in false starts, delays or makeshift repairs and also poor co-ordination of personnel resulting in excessing waiting and idle time. For the Menara Persekutuan Melaka, they have their maintenance planning with the suitable seclude. So they have their guideline for the maintenance work. So the life span by the Menara Persekutuan Melaka can be increase and the aesthetic value of the building can be remained for a long term.

For chapter building design and technology provide and explain about the building design and concept by architect. This building use a specific shape as in geometrical shapes with the identity of Melaka that located at the roof of Menara Persekutuan Melaka. For services and facilities, this chapter explain about all the services in the whole building which is are all the item in Menara Persekutuan Melaka such as sewerage systems, mechanical and electrical system, firefighting system, security system and telecommunication system. Besides, this