

SPMB:

A STUDY ON FLEET UTILISATION

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## ABSTRACT

The fleet utilisation is the most important aspect of running the transport business. It plays the vital role in bringing the people and goods from their point of origin to their destination.

SPMB as one of the transport operators who run a passengers transport business do not deny the importance of fleet utilisation. They had calculated the fleet utilisation percentage in terms of the availability of trips. It is important in order to analyse whether the fleet has run up to the maximum trip. However the percentage do not show the difference between high demand situation and low demand situation. That is due to either the high percentage happen during the high demand situation or at the low demand situation and the same goes to the lower percentages.

Thus, this study is concerned on the fleet utilisation percentage in terms of operations hours in a day and it is done for the weekdays, weekends, peak hours of weekdays operations and off peak hours of weekdays operations. It is to determine the percentages during the high demand situation and low demand situation. SPMB is not the

only bus operator in the Johore Bahru area. There are another three companies, so that they are some routes where SPMB has to share the services with those three companies. They act as a competitors to SPMB. So the failure in providing enough services will result the passengers shifting to its competitors. There are also routes which are monopolised by SPMB. For these routes, if the same problem occurs it will create great difficulty to its passengers and therefore they will not rely in SPMB services. This then will force them to appeal for other companies to run services on that route.

The disruption of services is due to certain problems. Most of it are the breakdowns of vehicles which are related to the maintenance department, inspection, congestion and lacking of crew.

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