

SCHEDULING AND ROUTING
OF
EXPRESS BUS SERVICES
(EKSPRES NASIONAL BERHAD)

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ABSTRACT

This services of express bus are represented by its level of efficiency and quality which emphasizes the ability of route and schedule structure to meet the needs of both the passengers and operators.

A study towards scheduling and routing system are needed for ENB's successful on the services. With respect to the need of the passengers, survey has also been conducted to determine their requirements and perception regarding this system.

In this study, the main focus is on identifying the most effective scheduling and routing system that need to be developed in order to achieve the objectives of this study.

The effective system of scheduling will contribute to the optimum fleet utilisation and alternative of time tables of the bus which in turn can satisfy the passenger requirements and benefit the operator. Whereas the system of routing is very important in such a way as to determine the most productive and profitable routes through the combination of two methods of calculation.

Both systems need to be identified. The most effective system of scheduling and routing will therefore reflect the efficiency of the ENB services to the public.

TABLE OF CONTENTS

ACKNOWLEDGEMENT	I	
ABSTRACT	II	
TABLE OF CONTENTS	III	
LIST OF TABLES	VIII	
LIST OF DIAGRAMS	XI	
LIST OF ABBREVIATIONS	XII	
CHAPTER ONE	<u>INTRODUCTION</u>	
1.0	Introduction	1
1.1	Background Of Study	3
	1.1.1 Routing Aspect	3
	1.1.2 Scheduling Aspect	5
1.2	Problem Statement	8
	1.2.1 The Scheduling And Cost Minimisation Must Be Balanced	8
	1.2.2 Technical, Terminal And Regulatory	8
	1.2.3 Alternative Time Tables	9
	1.2.4 Competition	9
1.3	Objectives	10
	1.3.1 Routing And Scheduling System	10
	1.3.2 Alternative Time Tables	10
	1.3.3 Route Determination	10
	1.3.4 Recommendations	10

1.4	Scope And Limitation	11
1.4.1	Vehicle And Crew Scheduling System	11
1.4.2	Route Confinement	11
1.4.3	Freezing Of New Routes By CVLB	11
1.5	Methodology	12
1.5.1	Primary Data	12
1.5.1.1	Personal Interview	12
1.5.1.2	Observation	12
1.5.1.3	Questionnaires	12
1.5.2	Secondary Data	13

CHAPTER TWO EKSPRES NASIONAL BERHAD (ENB)

2.1	Ekspres Nasional Berhad (ENB)	14
2.1.1	The Company	14
2.1.2	Organisational Structure	16
2.2	Current Operational Situation	18
2.2.1	Fleet Size	18
2.2.1.1	Bus Allocation According To Routes	18
2.2.1.2	Fleet Types	20
2.2.2	Drivers	23
2.2.3	Trips	25
2.3	Engineering Department	27
2.3.1	Vehicle Maintenance	29