FINAL YEAR PROJECT REPORT

A MOBILE DISTRIBUTED SYSTEM FOR PERSONAL SECURITY

In fulfillment of the requirement
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BS (COMPUTER SCIENCES)

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DECLARATION

We hereby declare that this project report is based on our original work except for citations and quotations which have been duly acknowledged. We also declare that it has not been previously and concurrently submitted for any other degree or award at Bahria University or other institutions.

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A MOBILE DISTRIBUTED SYSTEM FOR PERSONAL SECURITY

ABSTRACT

The mission of emergency friend System is to develop a mobile application that is dependent on location. In an emergency, customers may share their position with their connections, friends, and family. For example, if a person is alone hiking in the woods and can't figure out how to go back to their car and is lost, or if they are travelling and get lost and can't figure out where they are without GPS, this application might be useful to monitor their whereabouts. It will be easy to update friends with the most recent known location using this app, and anyone may share their position before leaving for a trip so that their family and friends can monitor them if necessary. If GPS signals are present, the application will share the position using GPS; however, if GPS is not accessible, the application will automatically share the location using mobile internet, and if neither is available, the programme will automatically share the location using GSM. In this programme, there is an extra option for when no contacts or friends answer and the user has to find a safe location for himself. In this case, the user may use the tool to seek for the nearest emergency outlet in the app, such as a local hotel or hotel.

TABLE OF CONTENTS

DECLARATION		**ii**
APPROVAL FOR SUBMISSION		**iii**
ACKNOWLEDGEMENTS		**vi**
ABSTRACT		**vii**
TABLE OF CONTENTS		**viii**
LIST OF FIGURES		**xii**
LIST OF APPENDICES		**xiii**

CHAPTER

1	**INTRODUCTION**		13
	1.1	Background	13
	1.2	Problem Statements	14
	1.3	Aims and Objectives	14
	1.4	Scope of Project	15
2	**LITERATURE REVIEW**		16
	2.1	Earlier Studies	16
	2.2	Table on Research Papers with their scope	17
	2.3	Triangulation Theory	18
3	**DESIGN AND METHODOLOGY**		19
	3.1	Workflow of the Project	19
	3.2	Tools and Languages	21
		3.2.1 Flutter Libraries	21
		3.2.2 Dependecies	22
	3.3	Database	24
		3.3.1 MySQL/PHP	24

4	**IMPLMENTATION**		**25**
	4.1	Android and IOS Platform	25
	4.2	Deliverables	25
	4.3	Coding at Client Side and Server Side	26
		4.3.1 Client Side	26
		4.3.2 Server Side	26
	4.4	Additional Features	27
		4.4.1 Scope	27
		4.4.2 Live Location	27
		4.4.3 Emergency Outlet	27
	4.5	Testing	27
		4.5.1 Entry Criteria	27
		4.5.2 Exit Criteria	28
5	**RESULTS AND DISCUSSIONS**		**29**
	5.1	Final Product	29
	5.2	Screenshots of Application	30
6	**CONCLUSION AND RECOMMENDATIONS**		**35**
	6.1	Conclusion	35
	6.2	Future Work	35
REFERENCES			**36**