ANNA UNIVERSITY::CHENNAI 600 025 BONAFIDE CERTIFICATE

Certified that this project report "FUEL PULSE: DIGITAL FUEL LOGISTICS REVOLUTIONIZING DELIVERY MANAGEMENT" is the bonafide of "ARUL KUMAR V (411620104001) and SURYA S (41162010420)" who carried out the project work under my supervision.

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INTERNAL EXAMINER

EXTERNAL EXAMINER

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ABSTRACT

Our project entails the development of a comprehensive mobile application tailored to meet the demands of the modern consumer in the fuel delivery sector. In response to the growing need for convenience and efficiency, our app offers a seamless platform for users to order fuel directly to their location with just a few taps on their smartphones. By integrating advanced technology and logistics algorithms, we ensure optimal routing and scheduling of deliveries, minimizing wait times and maximizing operational efficiency. The user interface of our app is designed with user-friendliness in mind, providing an intuitive and straightforward experience for customers of all backgrounds. Through features such as real-time tracking of delivery vehicles and transparent communication channels, users are empowered with full visibility and control over their fuel delivery process. In addition to enhancing customer convenience, our project also aims to address broader industry challenges, such as reducing the carbon footprint associated with traditional fuel distribution methods. By facilitating direct-to-door deliveries, we mitigate the need for multiple trips to refueling stations, thereby contributing to a reduction in vehicle emissions and traffic congestion. Furthermore, our project aligns with broader sustainability goals by promoting the adoption of cleaner and more efficient energy solutions. By offering a convenient alternative to traditional fuel procurement, we hope to encourage greater adoption of alternative fuels and renewable energy sources, ultimately contributing to a more sustainable future.

TABLE OF CONTENTS

CHAPTER NO	TITLE	PAGE NO
	ABSTRACT	i
	LIST OF TABLES	
	LIST OF FIGURES	ii
	LIST OF ABBREVIATIONS	
1	INTRODUCTION	1
	1.1 Domain Introduction	1
	1.2 Fundamentals Of Android	2
	1.3 Types Of Android	3
	1.4 Scope	4
	1.5 Problem Definition	6
	1.6 Project Description	7
2	LITERATURE REVIEW	9
3	SYSTEM ANALYSIS	20
	3.1 Existing System	20
	3.1.1 Drawbacks of Existing System	21
	3.2 Proposed System	22
	3.2.1 Advantages of Proposed System	23
	3.3 FEASIBILITY STUDY	24
	3.3.1 ECONOMICAL FEASIBILITY	24
	3.3.2 TECHNICAL FEASIBILITY	24

	3.3.3 SOCIAL FEASIBILITY	25
4	SYSTEM DESIGN	26
	4.1 System Architecture	26
	4.2 UML Diagrams	27
	4.3 Data Flow Diagram	33
	4.4 Work Flow Diagram	34
	4.5 ER Design	34
5	SYSTEM REQUIREMENT	35
	5.1 Hardware Requirements	35
	5.2 Software Requirements	35
	5.3 Android Tools	35
6	SYSTEM IMPLEMENTATION	36
	6.1 Introduction to HTML Frame Work	36
	6.2 Introduction to Cascading Style Sheets	38
	6.3 MYSQL Server	40
	6.4 PHP	41
	6.5 Angular Java Script	42
	6.6 Modules Description	45
7	SYSTEM TESTING	51
	7.1 Types Of Testing	51
8	RESULT AND DISCUSSIONS	54

9	CONCLUSION AND FUTURE WORK	
	APPENDICES	56
	A.Source Code	56
	B.Screenshots	73
	REFERENCES	78

LIST OF FIGURES

FIGURE N	NO FIGURE DESCRIPTION	PAGE NO
4.1	System Architecture Diagram	24
4.2	Use case Diagram	26
4.3	Class Diagram	27
4.4	Sequence Diagram	28
4.5	Activity Diagram	29
4.6	Collaboration Diagram	30
4.7	Dataflow Diagram	31
4.8	Work Flow Diagram	32
4.9	ER Diagram	32

LIST OF ABBREVATION

S.NO	ABBREVIATIONS	EXPANSIONS
1	API	Application Programming Interface
2	XML	eXtensible Markup Language
3	GPS	Global Positioning System
4	IOT	Internet of Things
5	DSS	Decision Support System
6	SQL	Structured Query Language
7	IT	Information Technology
8	TMS	Transportation Management System
9	LBS	Location-Based Services
10	UML	Unified Modeling Language