

Chapter No	Contents	Page No
	Acknowledgement	i
	List of Figures	ii
	List of Tables	iii
	List of abbreviations	iv
1.	Introduction	
	1.1 Introduction	1
	1.2 Necessity	3
	1.3 System Requirement	6
	1.4 Problem Statement	6
	1.5 Objective	6
	1.6 Motivation	6
2.	Literature survey	7
3.	System development	12
	3.1 Technology We Used	12
	3.2 System Overview	16
	3.3 System Architecture	19
4.	Performance Analysis	35
	4.1 Testing	35

5.	Results	39
6.	Conclusions	44
	6.1 Applications	44
	6.2 Future Scope	47
	REFERENCES	52
	ANNEXURE 1	55
	ANNEXURE 2	56
	ANNEXURE 3	57

LIST OF FIGURES

Figure No	Name of Figure	Page no
3.2.1	Agile Lifecycle model	16
3.2.2	System Architecture	18
3.3.3	Class Diagram	20
3.3.4	Use Case Diagram	22
3.3.5	DFD 0 Diagram	24
3.3.6	DFD 1 Diagram	26
3.3.7	Sequence Diagram for AutoRecs	29
3.3.8	Flowchart	34
4.1	Website testing	35
4.2	Model Accuracy	36
4.3	Confusion Matrix	37
5.1	Home Page	39
5.2	About Page	39
5.3	Sign up Page	40
5.4	Login Page	40
5.5	User saved in sql database with encrypted password	41
5.6	Prompt for wrong password	41
5.7	Vehicle recommender	42
5.8	Recommended cars	42
5.9	Data of what user is trying to get recommendation is appended	43
5.10	The recommended cars is also saved in a sheet if the user wants they can download it	43

LIST OF TABLES

Table No	Name of Table	Page No
1.3.1	Hardware Requirement	5
1.3.2	Software Requirement	5
2	Literature Survey	7
4.1	Website Testing	35

LISTS OF ABBREVIATIONS

Sr. No	Abbreviations	Description
1	RCNN	Region-based Convolutional Neural Networks
2	CRA	Contextual Residual Aggregation
3	CNN	Convolutional Neural Networks
4	RNN	Recurrent Neural Networks
5	SDLC	Software Development Life Cycle