

Veer Narmad South Gujarat University, Surat.

M.Sc. (Information Technology) Programme



Project Report

6th Semester

M.Sc. (Information Technology)

5 Year Integrated Course

Year 2018 – 2019

“Quick Search”

External Guide :

Mr. Shasank Bansal

Internal Guide :

Dr. Pushpal Desai

Mr. Tejas Shah

Submitted By :

Dinal Chauhan (010)

Smit Patel (081)

Credence Technologies.

208, SNS Arista, opp Safal Square, besides Prime
Shopperes, Vesu, Surat.

Veer Narmad South Gujarat University, Surat.

M.Sc. (Information Technology) Programme

Project Report

6th Semester

M.Sc. (Information Technology)

5 Year Integrated Course

Year 2018 – 2019

“Quick Search”

External Guide :
Mr. Shasank Bansal

Internal Guide :
Dr. Pushpal Desai
Mr. Tejas Shah

Submitted By :
Dinal Chauhan (010)
Smit Patel (081)

Credence Technologies.

208,SNS Arista,opp Safal Square,besides Prime
Shopperes,Vesu,Surat.

Veer Narmad South Gujarat University, Surat.

M.Sc. (Information Technology) Programme

Certificate

This is to certify that **Ms. Dinal Chauhan & Mr. Smit Patel**. Exam Seat Number **000010 & 000081** has satisfactorily completed his project work entitled **Quick Search** as a partial fulfillment of the requirements for **6th Semester-B.Sc.(Information Technology)** during the academic Year 2018-2019.

Date : 12th june,2019

Place : Surat

Course Coordinator

M.Sc. (I.T.) Programme.

Veer Narmad South Gujarat University,Surat

PREFACE

Development of large Software system is like an opportunity to handle large number of errors. And it is also complex one. Software engineering is the discipline that attempts to provide methods to handle complexities, enabling us to produce a reliable software system with maximum productivity.

It was felt that it is important and very instructive not only to learn the principles of a software engineering but also apply then to a software development project.

Now with more competition in world of I.T. our company is constantly finding the new ways to connect with clients and to provide more satisfaction. A typical scenario today involves an application consisting of a visual front end for presenting data and reporting options to the enterprise users, and a connection to a database for piping data to controls such as text boxes, tables, and list boxes. These applications typically feature reporting functions to provide documentation to teachers and administrative.

An effort has been made to exhaustively deal with every part of the systems developed and at the appropriate position, so that users of system can easily manage the all the processes according to their rights.

ACKNOWLEDGMENT

- It was an educational phase while studying at the Master of Science in Information Technology (M.Sc. (I.T)); working with highly devoted computer teacher's community and will probably remain the most memorable experience of our life. Hence this acknowledgement is a humble attempt to earnestly thank all those who were directly or indirectly involved in our project work and were of immense help to us.
- With immense pleasure, we present this report on the project assignment title "**Quick Search**".
- We owe a debt of gratitude to **Mr.Shasank Bansal** for bestowing their faith in us and giving us the privilege of working, which will be the building step for our bright future.
- We take a rather special privilege of thanking our Respected **Mr.Tejas Shah & Dr.Pushpal Desai**, & All the Faculties for making the resources available within the institute for the project work.
- The encouragement and help received from our family members, friends and colleagues cannot be expressed in terms of words. Without their moral support, the work would have been left unfinished.

Dinal Chauhan (010)

Smit Patel (081)

No.	Topic	Page No.
1.	Introduction	1
	1.1 - Company Profile	2
	1.2 - Project Profile	3
2.	Current System	4
	2.1 - Introduction	5
3.	Proposed System	6
	3.1 -Scope	7
	3.2 -Objectives	8
	3.3 -Purpose	9
	3.4 -Feasibility Study	9
	3.5 -Advantages	11
4.	System Environment	12
	4.1 -Technology Description	13
	4.2 -Hardware and Software Requirement	13
5.	System Analysis and Modeling	15
	5.1 -Software Requirement Specification	16
	5.2 -Flowchart	17
	5.3 -Entity Relationship Diagram	20
	5.4 -Data Flow Diagram	21
	5.5 -Data Dictionary	37
	5.6 -Process Specification	42
	5.7 -Use case Diagram	53
	5.8 -Class Diagram	56
	5.9 -Sequence Diagram	57
6.	Designing	60
	6.1 -Database Design	61
	6.2 -Interface Design	67
7.	Testing	108
	7.1 -Test Cases	109
8.	Limitations	127
	8.1 – System Limitations	128
9.	Future Scope	129
	9.1 -Future Scope	130
10.	References	131
	10.1 -References	132