**S**hree **S**waminarayan **C**ollege of **C**omputer **S**cience

**(Affiliated to M. K. Bhavnagar University)**

**ShareCal**

**BY**

**Dharmil K. Shah (21260120)**

**UNDER GUIDANCE**

**OF**

**Mr.Bhavesh Hariyani**

SUBMITTED TO

SHREE SWAMINARAYAN COLLEGE OF COMPUTER SCIENCE

FOR DEGREE OF

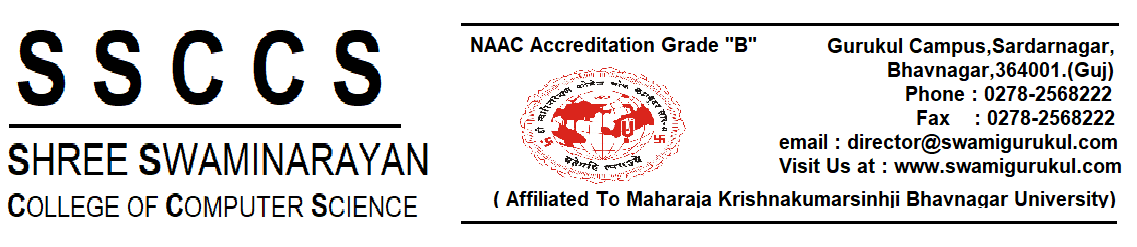
**BACHELOR OF COMPUTER APPLICATIONS**



**S**hree **S**waminarayan **C**ollege **o**f **C**omputer **S**cience

**(Affiliated to M. K. Bhavnagar University)**

**GURUKUL CAMPUS, SARDARNAGAR, BHAVNAGAR-364001**



**COLLEGE CERTIFICATE**

This is to certify that Mr. **\_\_Dharmil Ketankumar** **Shah\_\_** Seat No. **21260120\_**  Student of **B**achelor of **C**omputer **A**pplication (BCA) Semester-VI, in our institute has successfully completed the project assigned to his at entitle  **ShareCal** during the period November-2019 to March-2020 as a part of Bachelor of Computer Application (BCA) syllabus (2019-2020).

Date: \_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_

Place: Bhavnagar Project Guide I/C Principal

**CANDIDATE’S DECLARATION**

I am the undersigned **Dharmil Shah**, student of **Bachelor in Computer Application**, Shree Swaminarayan College of Computer Science, Bhavnagar hereby declare that the project work, presented in this report is my own work and has been carried out under the supervision of Project guide **MR.Bhavesh Hariyani,** Shree Swaminarayan College of Computer Science, Bhavnagar. As per my knowledge, this work has not been submitted previously to the university by any other student.

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Signature

**ACKNOWLEGEMENT**

On the successful completion of my work I would like to express my sincere thanks to all those who guided, advised, inspired and supported my during my project work at Shree Swaminarayan College Of Computer Science, Bhavnagar .

At the outset I express sincere thanks to our Principal **Mr.Paresh Rathod** and HOD **Dr.Kalpesh Gundigra** who gave me unique and excellent opportunity to work in their esteemed organization. My heart-felt gratitude to the honourable guide Mr. Bhavesh Haryani for his invaluable guidance at every stage of project work, I am really thankful to him to let me work on live project and for showing faith on me. I extend my thanks to whole SSCCS family for all the facilities given to me.

I would also like to thank my internal guide, Mr.Bhavesh Haryani. He has been a constant source of motivation to me. By his uncompromising demand for quality and his insistence for meeting the deadlines, I was able to give my best.

Last but not least I would like to thanks all those people who helped and guided me a lot at every step of project. There are lots of names that I cannot write all of them but I am thankful to all of them.

**PREFACE**

There is a project work as a subject in BCA Semester 6 syllabus. The main purpose of this project is to get practical as well as theoretical knowledge in any business firm or in any organization.

Project helps a student in growing in the direction of practical implementation of any system. The project checks the patience and working ability of the student and helps in achieving a very important thing that is experience.

During this project work we tried our level best to be the professionals and also tried to realize the fact that we are capable enough to face the challenges.

We studied documents of Google calendar, Gmail, time tree (application) etc. for the reference to our project. This is my pleasure to present this project work as our subject. We learned a lot by doing this project. We realized that only the knowledge of theoretical subjects is not sufficient but the practical knowledge is more important.

This Project Report is about the ShareCal. Generally all the people can use it for online saving and sharing events.

**TABLE OF CONTENTS**

|  |  |  |
| --- | --- | --- |
| Chapter | Description | Page No |
| -- | **Project Profile** | **1** |
| 1 | **Introduction** | **2** |
|  | 1.1 Background | **3** |
|  | 1.2 Objective | **3** |
|  | 1.3 Purpose And Scope | **4** |
|  | 1.4 Applicability | **4** |
| 2 | **Requirement And Analysis** | **5** |
|  | 2.1 Problem Definition | **6** |
|  | 2.2 Requirement Specification | **6** |
|  | 2.3 Planning And Scheduling | **7** |
|  | 2.4 Hardware Software Specification | **7** |
|  | 2.5 Tools And Technology | **8** |
|  | 2.6 Feasibility Study | **13** |
|  | 2.7 Existing System Scenario | **14** |
|  | 2.8 Proposed System | **14** |
|  | 2.9 Methodology | **15** |
| 3 | **System Design** | **16** |
|  | 3.1 Data Dictionary | **17** |
|  | 3.2 Data Flow Diagram | **25** |
|  | 3.3 Entity Relationship Diagram | **29** |
|  | 3.4 Screenshots | **32** |
| 4 | **Testing And Implementation** | **46** |
|  | 4.1 Testing Approaches | **47** |
|  | 4.2 Test Cases | **54** |
|  | 4.3 Bug Reports | **59** |
| 5 | **Conclusion** | **60** |
|  | 5.1 Future Enhancement | **61** |
|  | 5.2 Conclusion | **61** |
|  | 5.3 Bibliography (References) | **62** |

**TABLE OF FIGURES**

|  |  |  |
| --- | --- | --- |
| NO | Description | Page No |
| 1 | **Context Level DFD** | **27** |
| 2 | **First Level DFD** | **28** |
| 3 | **Entity Relationship Diagram** | **31** |