**WEB BASED STUDENT’S FACILITATION**

**SYSTEM**



Project Report in

**Computer Applications**

Submitted to

**Goa University**

By

Mr. Kevin D’souza

Mr. Denver John Fernandes

Mr. Velroy Flavino Rodrigues

Ms. Sangita Mastiholi

Ms. Franika Rodrigues

**THIRD YEAR BACHELOR OF COMPUTER APPLICATIONS**

**2018-2019**

Under the Guidance of

**Asst. Prof. Mildred Lemos**

**Rosary College of Commerce and Arts**

**Navelim, Salcete, Goa**

**DECLARATION**

We declare that this project report entitled “**Web based Student’s facilitation System**” has been prepared by us and to the best of our knowledge, it has not previously formed the basis for the award of any diploma or degree by this or any other University.

|  |  |  |
| --- | --- | --- |
| **Name** | **Roll No** | **Signature** |
| Mr. KEVIN D’SOUZA | R/BCA-16-111 |  |
| Mr. DENVER JOHN FERNANDES | R/BCA-16-113 |  |
| Mr. VELROY FLAVINO RODRIGUES | R/BCA-16-130 |  |
| Ms. SANGITA MASTIHOLI | R/BCA-16-221 |  |
| Ms. FRANIKA RODRIGUES | R/BCA-16-232 |  |

**Date: -**

**Place: -** Navelim

**CERTIFICATE**

Certified that this project report entitled **‘Web based Student’s facilitation System’** is a record of work done by the candidates themselves under my guidance during the period of study and that to the best of my knowledge it has not previously formed the basis of the award of any diploma or degree by this or any other university.

Asst. Prof. Mildred Lemos

**Project Guide**

Certified that the project entitled **‘Web based Student’s facilitation System’** has been undertaken by the students during the academic year 2018-2019 in the laboratory of this college.

Asst. Prof. Milton Pires Rev. Dr. Simão R. Diniz

**Project Coordinator Principal**

Examined the project entitled **‘Web based Student’s facilitation System’** during the academic year 2018-2019.

( )

**Examiner**

**ACKNOWLEDGEMENT**

First and Foremost we would like to express our regards and respect to the Principal of our college, Rev. Dr. Simão R. Diniz, for rendering us his full support to fulfill our project by giving us the best of facilities.

We are grateful to our project guide Asst. Prof. Mildred Lemos for helping us carry out our project work and guiding us in our hour of need.

We convey our whole-hearted appreciation to our course coordinator Mr. Milton Pires and the entire BCA department for helping us to accomplish this project.

Our special thanks to our classmates who irrespective of their busy schedule, due to their own projects, gave us the best of suggestions that helped us to improvise our project.

In the end we would like to thank our parents for their compassion and care throughout the year.

**CONTENTS**

|  |  |  |
| --- | --- | --- |
| *Declaration* | | *ii* |
| *Certificate* | | *iii* |
| *Acknowledgement* | | *iv* |
| *List of figures, tables and screenshots* | | *vi* |
|  | |  |
| **Chapter No.** | **Chapter** | **Page No.** |
| **1** | **System Analysis** | **1** |
| 1.1 | Introduction | 2 |
| 1.2 | Existing System and its limitations | 3 |
| 1.3 | Proposed System | 4 |
| **2** | **System Design** | **6** |
| 2.1 | Entity Relationship Diagram | 7 |
| 2.2 | Use Case Diagram | 8 |
| 2.3 | Activity Diagram | 9 |
| **3** | **System Implementation** | **10** |
| 3.1 | Implementation Tools | 11 |
| **4** | **System Testing** | **13** |
| 4.1 | Validation Test Report | 14 |
| **5** | **User Manual** | **28** |
| **6** | **Future Enhancements** | **35** |
| **7** | **Conclusion** | **36** |
|  | **References** |  |
|  | **Annexure** |  |

|  |  |  |
| --- | --- | --- |
| Figure No. | Title | Page No. |
| 2.1 | Figure depicting the Entity Relationship Diagram | 7 |
| 2.2 | Figure depicting the Use Case Diagram | 8 |
| 2.3 | Figure depicting the Activity Diagram | 9 |

**LIST OF FIGURES**

**LIST OF TABLES**

|  |  |  |
| --- | --- | --- |
| Table No. | Title | Page No |
| 4.1 | Validation Report for Login form | 14 |
| 4.2 | Validation Report for Business registration form | 15 |
| 4.3 | Validation Report of Contact form | 17 |
| 4.4 | Validation Report of Feedback form | 19 |
| 4.5 | Validation Report of Room registration form | 21 |
| 4.6 | Validation Report of Laundry registration form | 23 |
| 4.7 | Validation Report of Mess registration form | 25 |

**LIST OF SCREENSHOTS**

|  |  |  |
| --- | --- | --- |
| Screenshot No. | Title | Page No. |
| 5.1 | Home | 29 |
| 5.2 | Login | 30 |
| 5.3 | Business registration | 31 |
| 5.4 | Room booking | 32 |
| 5.5 | Laundry service | 33 |
| 5.6 | Mess service | 34 |