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|  |
| CARE |
| Project Documentation of DISM (Semester II) |

**our team members**

* MuHAMMAD ALTAMASH ANSARI student 1099183

**Faculty** = Miss Aatika Liaquat

**Batch Code** = 1803B2

**Curriculum**= 6673

**Semester**= HDSE II

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1- Acknowledgement:

We would want to appreciate and thank all of those people who helped us during this journey of completing our project. Without everyone’s support, we could not have accomplished our work.

We express our sincere gratitude to our faculty “--Miss Aatika Liaquat--" and our coordinator for their amazing support and guidance, continuous encouragement and supervision throughout the course of the present work. It’s of no doubt that we have been very fortunate to work under such a supportive and cooperative teacher/coordinator

And last but not the least we are extremely grateful to the whole faculty and administration of Aptech, for providing us all the facilities that were mandatory, without which this project could not be a success.

2- Abstract:

The capstone project **“CARE Medical System “**, I have been working on, is about the development of a Web Application for a CARE. It’s made using PHP and MySQL Database Mainly. This application has as purpose to help my client in managing his work; as for any Owners well as their Cashiers.

The Care application will offer several features such as managing appointment, to have a view/maintain Appointment Records and Proper Appointment management making the client work easy and efficient. The report reflects the work done and its progress and describes in more details of this project’s stages.

The project’s first stage is the requirements and specification stage. During this stage,

the client’s needs are gathered and proceeded; for CARE Web Application, the requirements were expressed explicitly.

Once this phase done, comes up the feasibility study where the technical aspect is

tackled. This stage is partially driven by the application’s type to be developed, technology

enablers such as programming language, and database.

After the feasibility study done comes the design and analysis phase with the design of

database entities.

Finally comes the implementation phase with a description of all the necessary tools

used to develop the application.

3- Declaration

We are writing this to declare that all the work which is being written bellow in this Project Report entitled “—**CARE MEDICAL SYSTEM**--” is a veritable record of our own work submitted to the Aptech NN, Karachi, Pakistan during the year 2020 in the partial fulfillment of semester IV (HDSE II) project We also declare that we have not submitted the material being presented in this Project Report for the award of any other degree elsewhere.

Signatures:

MUHAMMAD ALTAMASH ANSARI STUDENT 1099183

Certificate: -



This is to certify that,

Mr.

**MUHAMMAD ALTAMASH ANSARI**

Has successfully Designed & Developed

**CARE MEDICAL SYSTEM**

Date of Issue:

**31st-JANUARY-2020**

Date of Submission:

**2nd-MARCH-2020**

Authorized Signature: **Miss Aatika Liaquat**

INTRODUCTION

Problem Statement: -

#### **CARE MANAGEMENT SYSTEM: -**

We all need to visit doctors some time or the other. Sometimes it is an emergency situation, whereas most of the other time it is a planned checkup/visit. But in both the cases we have to visit the doctor to take an appointment or wait in long queues.

CARE Group is into medical services for long time and looking at the current medical scene have decided to come up with a WEBSITE, which will host the medical services available in different cities.

Individuals will be able to search for specialist doctors in their surroundings and even book online appointments.

Web site should also record the complete information regarding the Doctors and Patients.

**Customer Specifications:**

Website will host information about common Diseases, Preventions and Cures. It will also display the latest medical news and information on inventions in Medical Science.

The website will have three users/roles:

1. Administrator
2. Doctor
3. Patient

The Administrator should be able to do the following:

1. Add Cities to the master database.
2. Add Doctors to the Master database.
3. Modify Doctor Details.
4. Modify Patient Details.
5. Delete Cities
6. Delete Doctors
7. Delete Patients
8. Create/Manage Users/Logins
9. Manage information/details on the WEBSITE

The Doctor should be able to do the following:

1. Login into the system with his USER/PASSWORD
2. View his/her profile details
3. Add details to his/her profile
4. Modify his/her profile
5. View Appointments
6. Update his availability for DAY/WEEK/MONTH

The Patient should be able to do the following:

1. Register/Create Account [USERID should be unique].
2. Search Doctor based on location, Specialist
3. Book Appointment [Check Availability]

* Note: Name, Address, Phone Numbers, Email-ids should be mandatory to be provided.



PROJECT MAKING & BACKGROUND

PROJECT DURATION: -

* Analysis- 3 days
* Design – 17 days
* Development –5 days
* Testing – 3 days
* Documentation -2 days

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Analysis | Design | Database | Testing | Documentation |

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| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 |

TASK SHEET

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **No.** | **Task** | **Actual Start Date** | **Actual Days** | **Team Mate Name** | **Status** |
| 1. | Case Study | 5th FEBRUARY 2020 | 2 | MUHAMMAD ALTAMASH ANSARI | Completed |
| 2. | UI Designing | 10th FEBRUARY 2020 | 9 | MUHAMMAD ALTAMASH ANSARI, | Completed |
| 3. | SCENARIO Making | 15h FEBRUARY 2020 | 8 | MUHAMMAD ALTAMASH ANSARI | Completed |
| 4. | Material Searching | 25ST FEBRUARY 2020 | 3 | MUHAMMAD ALTAMASH ANSARI | Completed |
| 5. | Database Connectivity | 26th FEBRUARY  2020 | 6 | MUHAMMAD ALTAMASH ANSARI | Completed |
| 6. | Documentation | 1th MARCH 2020 | 2 | MUHAMMAD ALTAMASH ANSARI | Completed |



WORKFLOW SUBMISSION CHECKLIST

## 

WORKFLOW SUBMISSION CHECKLIST:-

|  |  |  |  |
| --- | --- | --- | --- |
| **S.NO** | **LIST OF ITEMS** | **Remarks** | **COMMENTS** |
| 1. | Do All Forms Linked together | **Yes** | By making their objects. |
| 2. | Database Connected | **Yes** | Using  MDF FILE |
| 3. | Page Colors As Per Common Guidelines | **Yes** | Professional Color Combination |
| 4. | All SQL Queries Working | **Yes** | Linked through a single Connection Class |
| 5. | DOCUMENTATION Included | **Yes** | All 3 word documents. |
| 6. | Project Zip File | **Yes** | Created using WinRAR |

SCREENSHOTS: -

# Login Page

# 

# DashBoard

APPLICATION MAP: -

**CMS**

**LOGIN**

**USER**

**ADMIN**



Search

Register

Book

View Doctor 

Appointment

Delete

View

Add Patient

Add Doctor

CONCLUSION

Remarks: -

It is very nice initiative that has made us work harder on our project and it has polished our skills now we are capable of making a desktop application all by our own self. We are very thankful to you.

Application: -

It’s care management system. It can be used widely in Medical Centres and Hospitals with further enhancements.

Problem Faced: -

The main problem we faced in the duration of project is the load server loading problem. Changes just would not apply we have to wait for it to apply changes.

Future Enhancement: -

It is almost a perfect prototype of care management system this application can be deployed and used in real world! But there is always a place for betterment so here are our few suggestions, staff can be added in for Hospitals so that data managing becomes easier. Also interaction with our regular customers can be maintained using mail, message etc!