

**Department of Computer** 

**Science & Engineering**

*A Project Report on*

Project Title

*Submitted in partial fulfillment of the requirements for the award of the degree of*

**Bachelor of Engineering in Computer Science & Engineering**

*By*

Name of the student USN number

Name of the student USN number

Name of the student USN number

Name of the student USN number

*Under the guidance of*

Name of the internal guide

Designation

**M S RAMAIAH INSTITUTE OF TECHNOLOGY**

**(Autonomous Institute, Affiliated to VTU)**

**BANGALORE-560054**

[**www.msrit.edu**](http://www.msrit.edu)

May 2019

**Department of Computer** 

**Science & Engineering**

**CERTIFICATE**

Certified that the project work entitled “Prediction of heart disease ” carried out by Raji Subramanian – 1MS15CS000 a bonafide student of M.S.Ramaiah Institute of Technology Bengaluru in partial fulfillment for the award of Bachelor of Engineering in Computer Science and Engineering of the Visvesvaraya Technological University, Belgavi during the year 2018-19. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the department library.

The project report has been approved as it satisfies the academic requirements in respect of Project work prescribed for the said Degree.

**Project Guide** **Head of the Department**

**DR.S.RAJARAJESWARI DR.ANITA KANAVALLI**

**External Examiners**

**Name of the Examiners: Signature with Date**

**1.**

**2.**

**Department of Computer** 

**Science & Engineering**

**DECLARATION**

We, hereby, declare that the entire work embodied in this project report has been carried out by us at M.S.Ramaiah Institute of Technology, Bengaluru, under the supervision of **Dr.S.Rajarajeswari, Associate Professor,** Dept of CSE. This report has not been submitted in part or full for the award of any diploma or degree of this or to any other university.

Signature Signature

RAJI SUBRAMANIAN RAJI SUBRAMANIAN

1MS15CS000 1MS15CS000

Signature Signature

RAJI SUBRAMANIAN RAJI SUBRAMANIAN

1MS15CS000 1MS15CS000

**ACKNOWLEDGEMENT**

We take this opportunity to express our gratitude to the people who have been instrumental in the successful completion of this project. We would like to express our profound gratitude to the Management and **Dr. N.V.R Naidu** Principal, M.S.R.I.T, Bengaluru for providing us with the opportunity to explore our potential.

We extend our heartful gratitude to our beloved **Dr. Anita Kanavalli**, HOD, Computer Science and Engineering, for constant support and guidance.

We whole heartedly thank our project guide **Dr.Annapurna Patil ,** for providing us with

the confidence and strength to overcome every obstacle at each step of the project and inspiring us to the best of our potential. We also thank her for her constant guidance, direction and insight during the project.

This work would not have been possible without the guidance and help of several individuals who in one way or another contributed their valuable assistance in preparation and completion of this study.

Finally we would like to express sincere gratitude to all the teaching and non-teaching faculty of CSE Department, our beloved parents, seniors and my dear friends for their constant support during the course of work.

RAJI SUBRAMANIAN RAJI SUBRAMANIAN

RAJI SUBRAMANIAN RAJI SUBRAMANIAN

# **Abstract**

About the Project. Centre this on the page according to the content length

#### **TABLE OF CONTENTS**

**Chapter No. Title Page No.**

***Declaration i***

***Acknowledgements ii***

***Abstract iii***

***List of Figures***

***List of Tables***

1 **INTRODUCTION**

* 1. General Introduction……………….
  2. Problem Statement…………..
  3. Objectives of the project……………
  4. Project deliverables……………
  5. Current Scope………………………
  6. Future Scope……………………….

1. **PROJECT ORGANIZATION**
   1. Software Process Models
   2. Roles and Responsibilities
2. **LITERATURE SURVEY**

3.1….Introduction

3.2…Related Works with the citation of the References

3.3 Conclusion of Survey

1. **PROJECT MANAGEMENT PLAN**
   1. Schedule of the Project (Represent it using Gantt Chart)
   2. Risk Identification
2. **SOFTWARE REQUIREMENT SPECIFICATIONS**

5.1 Product Overview

5.2 External Interface Requirements

5.2.1 User Interfaces

5.2.2 Hardware Interfaces

5.2.3 Software Interfaces

5.2.4 Communication Interfaces

5.3 Functional Requirements

5.3.1 Functional Requirement 1.1

:

5.3.n Functional Requirement 1.n

1. **DESIGN**
   1. Introduction
   2. Architecture Design
   3. Graphical User Interface
   4. Class Diagram and Classes (represent Inheritance, Aggregation and Association)
   5. Sequence Diagram
   6. Data flow diagram
   7. Conclusion
2. **IMPLEMENTATION**
   1. Tools Introduction
   2. Technology Introduction
   3. Overall view of the project in terms of implementation
   4. Explanation of Algorithm and how it is been implemented
   5. Information about the implementation of Modules
   6. Conclusion
3. **TESTING**
   1. Introduction
   2. Testing Tools and Environment
   3. Test cases
4. **RESULTS & PERFORMANCE ANALYSIS**
   1. Result Snapshots
   2. **COMPARISION results tables**
   3. **Performance analysis – graphs, tables etc..**
5. **CONCLUSION & SCOPE FOR FUTURE WORK No Page Numbers**
6. **REFERENCES**
7. **Appendix**
8. Software manual (if required in the project)