**Project Management Tool (PMT)**

A project report of **‘Project Management Tool’** submitted in partial fulfillment of the degree of

**B. Tech.**

**In**

**Computer Science and Engineering**



**AKS UNIVERSITY**

**SATNA (MP)**

**2019**

**Guided By**  **Submitted By**

Mr. Shivanand Gautam        Arti Jaiswal

[Director of Kangaroo Soft Pvt Ltd]              (B1555R10106030)

**Declaration**

I hereby declare that this submission of Project on "Project Management Tool" is our own work under the guidance of Mr. Shivanand Gautam Director of Kangaroo Software Private Limited Indore (M.P.), who has excellent knowledge about computer languages and new technologies and also has good development skill, and that to the best of my knowledge and belief it contains no material previously published, It contains hundred percent unique content or written by another person nor material which to a substantial extern has been accepted for the award of degree of "Bachelor of Technology in Computer Science and Engineering" during the period of 2015-2019 in **AKS UNIVERSITY,** of higher learning except where due acknowledge has been made in the text. The work has been carried out at **Kangaroo Software Private Limited Indore**.

**Arti Jaiswal**

(B1555R10106030)

**Certificate**

This is to certify that the project report on ‘Project Management Tool’ is the bonafide record of the work done by

**Arti Jaiswal (B1555R101060130),**

in partial fulfillment of requirements for the award of the degree of Bachelor of Technology in specification of the AKS University, Satna, during the year 2019.

**Guide**

Prof. Akhilesh A. Waoo

Head of the Department of CSE

**Project Viva-voce held on ………………………….**

**Internal Examiner External Examiner**

**Acknowledgement**

It gives us a great sense of pleasure to present the report of the B.Tech.(CSE) project undertaken during final year of B.Tech(CSE). We are highly indebted to our **Dean Dr GK Pradhan Sir, HOD Prof. Akhilesh A. Waoo** **Sir**, AKS University Satna, for the facilities provided to accomplish this main project. My whole hearted and appreciation and immense   
gratitude goes to my **Prof. Akhilesh A Waoo,** Head of Department of Computer Science and Engineering, for her constant support and guidance throughout the course of our work. The Director of Kangaroo Software Private Limited **Mr. Shivanand Gautam** gave great guidance and support during the development of this Project so this appreciation also goes to Mr. Shivanand Gautam. Her sincerity, thoroughness and perseverance have been a constant source of inspiration for us. He has been a constant source of inspiration for us and we are very deeply thankful to him for his support and valuable advice. It is only her cognizant effort that our endeavors have seen light of the day. We also take opportunity to acknowledge the contribution of all my friends for their kind assistance and corporation during the development of our project.The success and final outcome of this project required a lot of guidance and assistance from many people and we are extremely fortunate to have got this all along the completion of my project work. Whatever we have done is only due to such guidance and assistance and we would not forget to thank them.

Last but not the last, we acknowledge our family and friends for their contribution in the completion of the project.

**Project Associates**

Arti Jaiswal (B1555R10106030)

**Table of Contents**

**Chapter: 1**

Introduction 01-10

1.1 Objective 01-03

1.2 Motivation 03-04

1.3 Problem Domain 04-05

1.4 Technology used 05-10

**Chapter: 2**

Basic Hardware/Software Requirements 11-16

* 1. Hardware Requirement 11

2.2 Software Requirement 11-16

**Chapter: 3**

Design and Framework 17-68

3.1 Software Process Model 17-24

3.2 Data Flow Diagram (DFD) 17-24

3.3 ER-Diagram 25-27

3.4 Activity Diagram 28-29

3.5 Use case Diagram 30-31

3.6 Sequence Diagram 32-68

3.7 Class Diagram 32-68

3.8 Database Tables 32-68

3.9 Few Logic 32-68

**Chapter: 4**

Testing 69-95

**Chapter: 5**

Output Screen/Snapshots 69-95

**Chapter: 6**

Application and Scope 96-97

6.1 Application of the Project 96

6.2 Scope of the Project 97

**Chapter: 7**

Limitations and Future Enhancement 98

5.1 Limitations 98

5.2 Future Enhancement 98

**Chapter: 8**

Conclusion 99

**Chapter: 9**

Reference 100

**List of figures**

Fig 3.1.1 Level-0 DFD of PMT

Fig 3.1.2 Level-1 DFD of PMT

Fig 3.1.3 Level-2 DFD of PMT

Fig 3.1.4 Level-2 DFD of PMT

Fig 3.1.5 Level-2 DFD of PMT

Fig 3.2.1 ER-Diagram of PMT

Fig 3.3.1 Activity Diagram of PMT

Fig 3.4.1 Use case Diagram of PMT

Fig 3.5.1 Sequence Diagram of PMT

Fig 3.6.1 Class Diagram of PMT

**Abstract**

In this project, I have implemented a Project Management Tool (PMT) that can manage project development activities in a software companies. During Development used front end and back end platform of web technologies which provides a normal user interface to track all the activities related to project development inside the organization by the admin.

The admin can see projects that are posted by client and these projects assigns to the project manager and all the development of project handle by manager. In this project a good thing is that admin can approve and block to all like- approve and block client, project and employee all these persons can do their activities after the permission (approval) of admin. Without approval any one can’t do their activities. It is provides a user friendly interface of perform all the basic operations required to project management in a company. It provides work report, project status report, duration, time estimation of project. In this client can see their project status and any query then can able to ask to experts of development team. Such that this project makes project development management in a company very too much easier. There is no overhead of keeping paper records that can loss in future by human mistakes so it makes project development related work easy for project handlers and the owner of the company.