

# Workshop Management System

## **PREPARED FOR**

Mini Project - BCA Semester 5

## **PREPARED BY**

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# CERTIFICATE

This is to certify that **Mr./Miss. Nishant J. Jadhav**, Exam No.000000 student of **B.C.A. 5<sup>th</sup> semester** of our college have successfully prepared and submitted Project Report on “**Workshop Management System**” as a partial fulfillment for the course of **Bachelor of Computer Application (Minor Project Sem. V)** during the academic year **2022-2023**.

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DATE

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Guide: Mr./ Ms.

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Dr. S. M. NAIK  
(I/C PRINCIPAL, NLCPAS)

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Dr. A. B. PATEL  
(DEPT. HEAD, BCA)

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(EXTERNAL EXAMINER)

# Acknowledgment

*Respected Reader,*

I sincerely feel that I am not the only one to be credited for this Web App. This mini project work is an integrated effort of all self-study from Online Forums, YouTube tutorials, Official Docs, StackOverflow, and all those concerned, by whose cooperation and practical guidance; I achieved its completion.

It is a curriculum to undergo project work in any system. I preferred the “**WORKSHOP MANAGEMENT SYSTEM**” at Naranlala College of Professional and Applied Sciences, Navsari.

I would like to take this opportunity to express my gratitude to all the faculty members of the Computer Science department, Principal **Dr. Sunil Naik**, Head of Department **Dr. Ashish Patel**, and special thanks to **Mr. Chirag Mewada** and **Ms. Neha Parmar**.

*Yours truly,*

**NISHANT JADHAV**  
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# Abstract

The report reflects the journey of making a Full Stack MERN Application. It includes my learnings from errors, opening it for open source, hosting it on the web, and working with dynamic web technologies and libraries. I have gained knowledge of not only programming but about hosting on the web, finding vulnerabilities, SEO, designing paradigms, typography, and working with DB on the cloud.

I would like to thank my 3 FPG(Friend, Philosopher, Guide):

- 1) **Mr. Chirag Mewada** (who stated me to learn Javascript and React/Angular right in Sem 4).  
(<https://www.linkedin.com/in/chirag-mewada-csm%C2%AE-90015213/>)
- 2) **Sumit Patil** (who expressed me learning Javascript and Mongo DB when I was in Sem 3(I didn't take it seriously though I needed to learn it at the end of Sem 4))  
(<https://www.linkedin.com/in/iamsumitpatil/>)
- 3) **Zaid Shaikh**(Senior Web Developer at Prism IT Systems, who helped me in learning React JS, MERN and keeps me updated about what tech stack shall I learn next).

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# Abbreviations

<b>MERN</b>	Mongo DB, Express, React JS, Node JS
<b>REST</b>	Representational State Transfer
<b>API</b>	Application Programming Interface
<b>CLI</b>	Command Line Interface
<b>NPM</b>	Node Package Manager





