

DISTRICT INTEGRATED DASHBOARD

MINOR PROJECT REPORT

**Submitted in partial fulfillment of the requirement for the Degree of
Bachelors of Engineering in Computer Science & Engineering**

Submitted To:



[PARUL UNIVERSITY, VADODARA, GUJARAT (INDIA)]

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**Under The Guidance of:
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(Assistant Professor, CSE, PIT)**

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

PARUL INSTITUTE OF TECHNOLOGY VADODARA, GUJARAT

SESSION: AY 2023-2024

Parul University

Parul Institute of Technology



(Session: 2023 -2024)

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

CERTIFICATE

This is to certify that **Dipen Patel, Heet Nandaniya, Dhruvesh Bawane, Aakash Vishwakarma** Students of **CSE VI Semester** of “**Parul Institute of Technology, Vadodara**” has completed their **Minor Project** titled “**District Integrated Dashboard**”, as per the syllabus and has submitted a satisfactory report on this project as a partial fulfillment towards the award of degree of **Bachelor of Technology in Computer Science and Engineering** under **Parul University, Vadodara, Gujarat (India)**.

Mr.Sunny Thakare
Assistant Professor
CSE

Prof. Sumitra Menaria
Head (CSE)
PIT, Vadodara

DR. Swapnil Parikh
Principal
PIT, Vadodara

DECLARATION

We the undersigned solemnly declare that the project report **District Integrated Dashboard** is based on my own work carried out during the course of our study under the supervision of **Mr.Sunny Thakare, Assistant Professor, B.Tech CSE.**

We assert the statements made and conclusions drawn are the outcomes of my own work. I further certify that

1. The work contained in the report is original and has been done by us under the general supervision of our supervisor.
2. The work has not been submitted to any other Institution for any other degree / diploma / certificate in this university or any other University of India or abroad.
3. We have followed the guidelines provided by the university in writing the report.

Whenever we have used materials (data, theoretical analysis, and text) from other sources, we have given due credit to them in the text of the report and giving their details in the references.

Dipen Patel [210305105302] _____

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ACKNOWLEDGEMENT

In this semester, we have completed our project on **District Integrated Dashboard**. During this time, all the group members collaboratively worked on the project and learnt about the industry standards that how projects are being developed in IT Companies. We also understood the importance of teamwork while creating a project and got to learn the new technologies on which we are going to work in near future.

We gratefully acknowledge for the assistance, cooperation guidance and clarification provided by **Mr.Sunny Thakare** during the development of our project. We would also like to thank our Head of Department **Prof. Sumitra Menaria** and our Principal **Dr. Swapnil Parikh** Sir for giving us an opportunity to develop this project. Their continuous motivation and guidance helped us overcome the different obstacles for completing the Project.

We perceive this as an opportunity and a big milestone in our career development. We will strive to use gained skills and knowledge in our best possible way and we will work to improve them.

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LIST OF FIGURES

S. No.	Figure No.	Name of Figure	Page No.
1	Fig. 1	SSIP problem statement	2
2	Fig. 2	DFD (data flow diagram)	10
3	Fig. 3	ER Model - 1	10
4	Fig.4	Use Case Diagram	11
5	Fig.5	ER Model – 2	11
6	Fig.6	Expected Outcome GUI	16

LIST OF TABLES

S. No.	Table No.	Name of Figure	Page No.
1	Table 1.x	Literature Review Table	4
2	Table 1.y	Literature Review Table	5
3	Table 1.z	Literature Review Table	6

LIST OF ABBREVIATIONS

S. No.	Abbreviation	Full Form
1	HTML	Hyper Text Mark Up Language
2	SDLC	Software Development Life Cycle
3	DFD	Data Flow Diagram
4	API	Application Programming Interface
5	BI	Business Intelligence
6	COVID-19	Coronavirus Disease 2019
7	NB	Nota Bene (Latin for "note well")
8	ICT	nformation and Communication Technology
9	ER	Entity-Relationship
10	GUI	Graphical User Interface
11	CSS	Cascading Style Sheets
12	JavaScript	JavaScript
13	RESTful	Representational State Transfer
14	ORM	Object-Relational Mapping
15	IDE	Integrated Development Environment
16	SSD	Solid State Drive
17	NAS	Network Attached Storage
18	RAID	Redundant Array of Independent Disks
19	UPS	Uninterruptible Power Supply
20	PDU	Power Distribution Unit
21	AWS	Amazon Web Services
22	IaaS	Infrastructure as a Service
23	IDS	Intrusion Detection System
24	PaaS	Platform as a Service
25	TCO	Total Cost of Ownership