ACKNOWLEDGEMENT

I wish to express our sincere gratitude to our External guide **Mr. Ronak Gandhi** for continuously guiding me at the company and answering all my doubts with patience. I would also like to thank my Internal Guide **Prof. Vishal Makwana** for helping us through our internship by giving us the necessary suggestions and advices along with their valuable coordination in completing this internship.

I also thank our parents, friends and all the members of the family for their precious support and encouragement which they had provided in completion of our work. In addition to that, I would also like to mention the company personals who gave us the permission to use and experience the valuable resources required for the internship.

Thus, in conclusion to the above said, we once again thank the staff members of **RKIT Software PVT. LTD.** for their valuable support in completion of the project.

With Sincere Regards
Shivam Nanda

ABSTRACT

Employee Management System

This report contains training modules from my internship at RKIT Software PrivateLimited, which I completed as part of my B.E. from Gujarat Technical University and Darshan Institute of Engineering and Technology. I received training in the field of Full Stack Developer of the company. I learnt how to create Web APIs in .Net Core and .Net Framework, as well as how to design GUI applications and integrate with API. I also improved my skills in C#, MySQL, and some advanced Backend and Frontend concepts.

While our training period we were given some modules for self-training, Then for our core topics we were given training by a mentor. We were expected to gain deep knowledge of these topics and to prepare demos for the topics. After all this preparation is done we were reconciled for the corresponding topics in our next meeting. This was the flow of or training which ensured that we gained knowledge of our topics in depth and ensured the same to our mentors. All of the learnings from the internship, as well as our project in WEB API format, as well as GUI training and demos, which is widely used in our company, are important aspects of this report.

LIST OF FIGURES

Fig 3.1 Gantt Chart	23
Fig 5.1 System Design	31
Fig 5.2 Database Design	32
Fig 5.3 Admin Login	33
Fig 5.4 Admin Profile Module	34
Fig 5.5 Admin Profile Edit Module	34
Fig 5.6 Employee List Module	35
Fig 5.7 Add New Employee Module	35
Fig 5.8 Department List and manage Module	36
Fig 5.9 Task List Module	36
Fig 5.10 Assign New Task to Employee Module	37
Fig 5.11 Update Task Status and Information	37

LIST OF TABLES

Table 1	Test Case					.43
---------	-----------	--	--	--	--	-----

TABLE OF CONTENT

Chapter No	Chapter Title						
	Acknowledgement						
	Abstract List of Figures List of Tables						
	List o	of Abbreviations	V				
	Table	e of Contents	vi				
Chapter 1	Overview of the Company						
	1.1	History	1				
	1.2	Scope of work	2				
Chapter 2	Over	view of different department and Layout					
	2.1	Details of work being carried out in the Department	4				
	2.2	Technical Specifications	6				
	2.3	Sequence of operation for development of end product	7				
	2.4	Details about each stage of production.	9				
Chapter 3	Internship management						
	3.1	Internship Summary	12				
	3.2	Purpose	13				
	3.3	Objective	13				
	3.4	Scope	15				
	3.5	Technology and Literature Review	16				
	3.6	Internship Planning	17				
		3.6.1 Internship Development Approach and Justification	17				
		3.6.2 Internship Effort and Time, Cost Estimation	20				
		3.6.3 Roles and Responsibilities	22				
		3.6.4 Group Dependencies	23				
	3.7	Internship Scheduling	23				
Chapter 4	Syste	em Analysis					
_	4.1	Study of Current System	24				
	4.2	•					
	4.3	System Feasibility	25				
	4.4	Activity / Process in New System	26				
	4.5	Features of New System	27				
	4.6	List of Main Modules	27				
	4.7	Selection of Hardware / Software / Technologies / Approaches and justifications	28				

Chapter 5	System Design				
	5.1	System Design & Methodology	30		
	5.2	Database Design / Data Structure Design / Process Design / Structure Design	32		
	5.3	Input / Output and Interface Design	33		
		5.3.1 Samples of Forms, Reports and Interface	33		
Chapter 6	Impl	ementation			
	6.1	Implementation Platform / Environment	38		
	6.2	Modules Specifications	38		
Chapter 7	Testing				
	7.1	Testing Plan	40		
	7.2	Test methods			
		7.2.1 Test Cases (test ID, test condition, expected output, actual output, remark)	43		
Chapter 8	Conc	clusion and Discussion			
	8.1	Overall Analysis of Internship	45		
	8.2	Dates of Evaluation			
	8.3	Summary of Internship work			
	8.4	Limitation and Future Enhancement			
References			47		