### PCS AUTOMATION

Project By

Name - Niranjan

Reg No – S200032700155

# NIIT

PCS Automation

Batch Code - S210167

Start Date - 11/11/20

End Date - 12/12/20

Name Of the Coordinator - Lopamudra Bera

Name Of the Developer - Niranjan V

Date of Submission - 12.12.2020

**NIIT**

###### CERTIFICATE

This is to certify that this report, titled PCS Automation embodies the original work done by Niranjan V, in partial fulfillment of his course requirement at NIIT.

Coordinator - Lopamudra Bera

**Acknowledgement**

I would like to thank my mentor Lopamudra Bera and also the institute NIIT who helped me achieve this project on Professionet Consultancy Services. It helped me to do a lot on the research on the project and the environment.

I am really thankful for the staffs for helping me around in learning a lot of information during my learning process.

**Abstract**

PCS Automation project helps to manage the employee portal and helps the company to register new employees to their company and would help their Employees to update their professional qualification on the company portal.

**Configuration**

Hardware - MacBook Pro (i9 processor) 16Gb RAM,

1TB Hard Disk.

Operating System - Mac Os Catalina X64

Software - Eclipse, MySQL, JRE..

**Table of Contents**

Chapter 1 – Introduction

1. Aim.
2. Objectives
3. Case study

Chapter 2 – Project Requirement Specification

1. Literature Research
2. Statement of Requirements
3. Vision Document
4. Project Life Cycle Model

Chapter 3 – Project Analysis

1. Project plan
2. Risk Management Plan
3. Weekly Status Report
4. StoryBoard
5. System Architecture
6. Business process Model
7. Software Requirements Specification
8. High Level Use case Diagrams

Chapter 4 – Project Design

1. Low level use case Diagrams
2. User Interface Design
3. Systems Input and Output Design
4. Database Structure
5. Entity Relationship Diagram
6. Data Model
7. Class Diagrams
8. Activity Diagrams
9. Sequence Diagram
10. User-centered Interface Designs
11. Personas
12. Paper Prototype

**Aim**

The Main aim of this Project is to create an application that can map all the employees of a company. Through this application an User can also register their application for a job inside the company.