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| **Professionet Consultancy Services (PCS) Automation** |

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| Developed By  Name : J.JAFRIN SHAJINI  Reg\_no : S211165200343  **NIIT** |
| **PCS Automation** |

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| Batch : B210164  Start Date : 22/02/2020  End Date : 16/07/2020  Name Of the Coordinator : S.Dinesh Kumar  Name Of the Developer : J.Jafrin Shajini  Date of Submission : 13.06.2021 |

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| **NIIT** |

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| **CERTIFICATE** This is to certify that this report, titled Professionet Consultancy Services (PCS) Automation embodies the original work done by J .Jafrin Shajini, in partial fulfilment of his course requirement at NIIT.  Coordinator: S.Dinesh Kumar |
| **Acknowledgement** |

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| I would like to thank my mentor Dinesh kumar 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**

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| 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**

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| Hardware : Acer i5 (11th gen),8GB, 512GB  Operating System : Windows 10  Software : Eclipse, MySQL, JRE.. |

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**Aim**

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| 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.  Objectives:  The Objectives that are to be achieved through Skill Mapping Application are,   1. User Registration 2. Skill Map 3. Job Postings 4. Profile validation 5. Recruitment.   Before this application, these process were done manually. |

**Objectives**

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| The Objectives that are to be achieved through Skill Mapping Application are,   1. User Registration 2. Skill Map 3. Job Postings 4. Profile validation 5. Recruitment.   Before this application, these process were done manually. |

**Literature Research**

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| Introduction:  In order to map the Job seekers who could have be seeking for a job with a lot of talent in them, this application is developed.  In this Application the HR consultants could find lot more talent during the recruitment process. HR consultants were doing this process manually. In that manual process HR would take a lot of time in order to sort the proper talent. |

**Statement of Requirements**

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| Title - Pcs Automation  Subtitle - Employee management portal  Author - J.Jafrin Shajini  Author’s Email - [jafrinshajini@gmail.com](mailto:jafrinshajini@gmail.com)  Description - Automated Consultancy service  **About Your company:**  Professionet consultancy services is a company which provides a wide range of business services to clients.  **Need of Process Automation:**   1. Saves a lot of time by making your process easy. 2. Improves the quality of your company 3. Helps to find the right talent 4. Adds quality to recruitment.   **Software Requirements:**   * Eclipse * MYSQL * JRE   **Benefits:**   * Pre-screening of candidates. * Saves a lot of time to find the correct candidates. |

**Project Life Cycle**

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| **The Initiation Phase:**  The initiation phase aims to define and authorize the project.  **The Planning Phase:**  The purpose of this phase is to lay down a detailed strategy of how the project has to be performed and how to make it a success.  **Strategic Planning**:  overall approach to the project  **Implementation Planning:**  ways to apply the decisions  **The Execution Phase:**  In this phase, the decisions and activities defined during the planning phase are implemented.  **The Termination Phase:**  This is the last phase of any project, and it marks the official closure of the project. |

**Database Structure**

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| Employee:  create table Employee (empId int primary key auto\_increment,  FirstName varchar(255) not null,  LastName varchar(255) not null,UserId varchar(255) not null,  Password varchar(255) not null,Role varchar(255) not null,  Gender varchar(255) not null,Active varchar(255) not null);  Skill:  create table Skill( SkillId int primary key auto\_increment,  SkillName varchar(255) not null,  SkillDescription varchar(255) not null,Active varchar(255) not null);  Job:  create table Job( JobId int primary key auto\_increment, JobTitle varchar(255) not null,  JobDescription varchar(255) not null,CompanyName varchar(255) not null,  Location varchar(255) not null, KeySkill varchar(255) not null,  Salary Varchar(255),Active varchar(255) not null);  Empskill:  create table EmpSkill(EsId int primary key auto\_increment,EmpId int,SkillId int,  ExpYear int not null,foreign key (EmpId) references  Employee (empId),foreign key (SkillId) references Skill(SkillId));  Empjob:  create table EmpJoB(EJId int primary key auto\_increment,EmpId int,  JobId int,Recruited varchar(255) not null,  foreign key (EmpId)references Employee (empId),  foreign key (JobId) references Job (JobId));  select \* from Employee;  select \* from job;  select \* from skill;  select \*from empskill;  select \* from empjob |

**User Interface Diagram**

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| Login :    Registration: |
| HRA    View All Employee |
| Activate Employee:      Apply Job |
| EMP:    View Job:    View Skill:    Deactivate Job: |
| Deactivate Skill:    Activate Job: |
| PME:    Deactivate Employee: |
| Update Employee:    Skill mapped with employee amd job:    Applied for the job |