

# **PROJECT ON AUTOMATION OF INTERVIEW PROCESS**

Developed By,

**NAME :** NAVIN KUMAR R

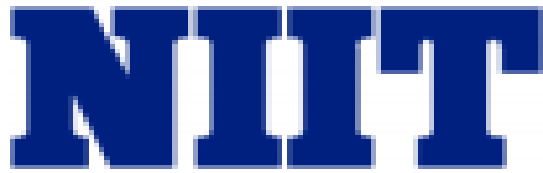
**REGD NO :** S211165200361

The logo of NIIT (National Institute of Information Technology) is displayed in a bold, blue, serif font. The letters are thick and closely spaced, with a slight shadow effect.

# **TITLE OF THE PROJECT**

Batch Code	:2
Start Date	:20.05.2021
End Date	:13.06.2021
Name of the Coordinators	:Mr. Dinesh Kumar
Name of the Developer	: Navin Kumar R

Date of Submission	:14.06.2021
--------------------	-------------



## **CERTIFICATE**

This is to certify that this report , **(titled title of project )** embodies the original work done by Navin Kumar R, in partial fulfillment of his course in NIIT.

Coordinator : Mr. Dinesh Kumar

# ACKNOWLEDGEMENT

I hereby like to thank my program co-coordinator Mr. Dinesh Kumar for giving me project assistance throughout the completion of this project and also my colleague people who are all helped me in resolving the errors during the project work.

I thank NIIT institute for giving this opportunity to go on such a project. It also helped me in learning new things and also hands on experience in implementing the various things learnt in the programme.

# ABSTRACT

Automation portal gives the Business Firm to get the required candidate for the required job. This application minimises the time requirement in the recruitment process by filtering out the registered candidates depending on the requirement. It also increases the productivity of the Human Resource department in the process of recruitment.

# CONFIGURATION

<b>Hardware</b>	: Processor Intel Core(TM) i3-5005U CPU @ 2.00GHz 2.00 GHz Installed RAM 6.00 GB
<b>Operating System</b>	: 64-bit operating system, x64-processor
<b>Software Used</b>	: Eclipse Java EE IDE Oxygen.3a Release

# TABLE OF CONTENTS

## Chapter 1 - Introduction

1.0 Aim

1.1 Objectives

1.2 Case Study

## Chapter 2 - Project Requirement Specification

2.0 Literature Research

2.1 Statement of Requirements

2.2 Vision Document

## Chapter 3 - Project Analysis

3.0 Project Life Cycle

3.1 Methodology

## Chapter 4 - Project Design

4.0 Case Diagrams

4.1 Database Structure

4.2 User Interface Design

# INTRODUCTION

## **1.0 AIM OF THE PROJECT :**

The main aim of this project is to create an application that can allow users to register in the application and to apply for the jobs given by the company.

## **1.1 OBJECTIVE OF THE PROJECT :**

The objective of this project is to automate the filtering process of candidates and gives admin to easily work on the process of employee recruitment.

## **1.2 CASE STUDY:**

Actually its hard to look for the employee details in a hard copy on a paper and also for filtering out the qualities. If user registers for a job in a firm its quite hard to select them for the required posting as there will be many applications to survey,so some application is needed for easily filtering out the qualities.



# **Project Requirement Specification**

## **2.0 LITERATURE SURVEY :**

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.

With 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.

## 2.1 STATEMENT OF REQUIREMENTS :

TITLE	AUTOMATION IN INTERVIEW PROCESS
SUBTITLE	Automating the recruitment process
AUTHOR(S)	Navin Kumar R
AUTHOR'S EMAIL	navinkumarrana.r@gmail.com
AUTHORS PHONE	987654321
DESCRIPTION	Creating a user friendly application
VERSION	3.0.5

# VISION DOCUMENT

## **ABOUT THE COMPANY :**

A leading software building company with high decades of experience in handling customer requests.

## **REQUIREMENTS :**

- ❖ Eclipse
- ❖ H2 Database
- ❖ JRE
- ❖ Internet Facility

## **PROJECT GOALS:**

- ❖ Minimising the recruitment time
- ❖ Filtering the candidates applied for job with ease

## **PROJECT STAKE HOLDERS :**

1. Navin Kumar
2. Dinesh Kumar

## **FEATURES OF APPLICATION:**

- ❖ Saves a lot of time by making your process easy.
- ❖ Improves the quality of your company

# PROJECT ANALYSIS

## 3.0 PROJECT LIFE CYCLE :

**FIRST PHASE** :The initiation phase aims to define and authorize the project.

**SECOND PHASE** : Overall approach to the project

**THIRD PHASE** : Ways to apply the decisions

**FOURTH PHASE** :In this phase, the decisions and activities defined during the planning phase are implemented.

**FIFTH PHASE** : This is the last phase of any project, and it marks the official closure of the project.

# METHODOLOGY

CREATING A JAVA PROJECT
CREATING THE PACKAGES
CREATING THE FRAMES
USING JAVA SWINGS
CREATING MODEL CLASS
CREATING CONTROLLER CLASS
CREATING DAO INTERFACE
DAO CLASS IMPLEMENTATION
BUSINESS LAYER
DATABASE CONNECTION
PROGRAM EXECUTION

# PROJECT DESIGN

## 4.1 DATABASE STRUCTURE :

**1.** create table user(  
Id int auto\_increment,  
FirstName varchar(30) not null,  
LastName varchar(30) not null,  
UserId varchar(30) not null,  
Password varchar(30) not null,  
PhoneNumber varchar(30) not null,  
Gender varchar(30) not null,  
Active varchar(30) ,  
Skill varchar(30) );

**2.** create table appliedjob (  
JobId int,  
JobTitle varchar(20),  
JobDescription varchar(50),  
CompanyName varchar(20),  
KeySkill varchar(50),  
Location varchar(20),  
Salary varchar(20),

Experience varchar(20),  
UserId varchar(20),  
UserName varchar(20),  
Mobile varchar(20),  
Gender varchar(20),  
Skill varchar(30),  
RequestedId int not null auto\_increment  
Status varchar(25));

**3.** create table job (  
JobId varchar(20) auto\_increment,  
JobTitle varchar(30),  
JobDescription varchar(30),  
CompanyName varchar(30),  
Location varchar(30),  
KeySkill varchar(30),  
Salary varchar(30),  
Experience varchar(30),  
Active varchar(30));

**4.** create table admin(  
UserId varchar(20),  
FirstName varchar(20),  
LastName varchar(20),  
Password varchar(20),  
Role varchar(30),  
Gender varchar(20),

Active varchar(20),  
EmployeeId int not null auto\_increment);

## 4.2 USER INTERFACE:

