

# **JOBS\_KEY Android Application App**

## **MINOR PROJECT SYNOPSIS**

**Bachelor of Technology**

Information Technology



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## **Contents**

<b>1 INTRODUCTION:</b>	<b>3</b>
<b>2 PROJECT OBJECTIVES:</b>	<b>4</b>
<b>3 FEASIBILITY STUDY:</b>	<b>6</b>
<b>4 METHODOLOGY/ PLANNING OF WORK:</b>	<b>7</b>

## 1 INTRODUCTION:

We are team of three third year information technology students. Job is at the root of a meaningful life, the path to individual independence, and a necessity for human survival and flourishing. Awareness of government job vacancies and information regarding these jobs is one of the most common obstacle faced by students these days. Students are not aware of vacancies regarding government jobs and their eligibility criteria. Our project aims at developing an android application based on this issue. This application will work on android phone. This app will provide all the updates regarding govt job vacancies, their eligibility criteria , registration dates, how to apply and who can apply , recruitment test and their syllabus , admit cards and all other important information regarding this. This application will be divided into 3 sub categories or modules which comprises of job vacancies for matriculates, graduates and post graduates. It will flash latest notifications on job vacancies at users device .

## **2 PROJECT OBJECTIVES:**

Developing an android application which can help students to get government job vacancies notifications so that they cannot miss any opportunity regarding this. This will help them alot as it will keep them updated .

### **EXISTING SYSTEM:**

Earlier these govt job vacancies notifications or updates were provided on websites and no particular notifaction was provided to students or the ones who are in need of job. Hence most of the students were not aware and lost those opportunities.

### **PROPOSED SYSTEM:**

This project is intended to create a android application for govt job aspirants and students. A system is a web application that, if properly launched , can be accessed throughout for years. Users will get flashed updates on their logined devices. Links will be provided for registration and students can also download their admit card easily for recruitment test. Proper information will regarding this will be provided and the application will be updated regularly.

### **PROBLEM DEFINATION:**

This project is specially designed to facilate students and job aspirants. This allows them to see number of vacancies and can enroll themselves according to their eligibility.

### **USER CLASSES AND CHARACTERSTICS:**

All job vacancies for matriculates, post graduates and graduates is listed here. This will helps all students in gathering information and finding suitable job according to eligibility and their need. This process only work after a specific user has registered and logged in.

## **MODULES:**

Students qualification ( matric , graduates and post graduates)

Vacancies information

Eligibility criteria

Latest announcements

## **STUDENT QUALIFICATIONS:**

This module contains students information whether they are matric, graduates or post graduates.

Students can login according to their qualification so that they can get proper notifications regarding that only

## **VACANCIES INFORMATION:**

This modules contain list of vacancies according to the qualification of user

## **ELIGIBILITY CRITERIA:**

This modules contain factors such as age , medium of education( Hindi, Punjabi, English), minimum qualification ,proper certification of qualification ,validity period of examination test.

## **LATEST ANNOUNCEMENTS:**

This module consist of admit cards, exam results , exam date, answer key cutoff marks, written marks and interview details.

## **ADVANTAGES:**

Students will be updated with all information regarding government jobs

Less chances of missing an opportunity

More awareness

## **SOFTWARE REQUIREMENTS:**

Operating system: windows 10

Coding language:

Tool: Android Studio

Database : SQLite

### 3 FEASIBILITY STUDY:

**Technology & System Feasibility:** Feasibility study of technology and system depends on the interface design of how android application is interactive, best visualized and user-friendly for architectural students and on the system functionalities how the features of architectural application are best and useful and also on hardware availability. **Human-Factor/Time Feasibility:** Feasibility study of human-factor and schedule depends on user background so that user can set their on background and on comfortability, how the user is able to use the application efficiently and produce meaningful and precise output and also on user's demands, project deadlines and readiness that how the application fulfills the flexibility and requirement of the users. **Financial Feasibility:** Economy feasibility study depends on infrastructure cost, Maintenance cost and overall solution cost of proposed application **Legal Feasibility:** Legal feasibility depends on privacy, security and legal concerns such as data privacy, accountability, nepotism , and many more. **Operational/Resource Feasibility:** It depends on how application (system) solves the problems and satisfies the requirement of users by using some operational parameter such as affordability, reliability, disposability, maintainability, sustainability, usability, supportability, producibility and resource feasibility depends on time availability and amount of resources.

### NEED OF THE PROJECT:

From ordering food to looking for love, there's an app for that; the job search is no different. These days, looking for a job doesn't require combing through newspaper listings or being confined to desktop websites. Instead, there are a number of job-search apps that can help you stay connected and on top of your job hunt, even while on the go

### SIGNIFICANCE:

In recent years, we have observed an unfathomable growth of mobile users across the world. Smartphone have accomplished billions of people. There is increased penetration of smart phones in the market which means there is a vast scope for mobile apps. People are now using mobile apps for an excess of purposes such as entertainment, shopping, daily planning, booking movie tickets etc. Mobile apps have become a vital portion of the daily lives of the people. These apps modernize the work process of industries too. They assist in the management of employees and the teams. Mobile apps have a wide range of usage in various industries. Among the majority used mobile apps, Android apps are the ones. Android has occupied an important market share in the app market. Many of the users and businesses are using Android apps for a variety of purposes. As a business, it is now essential to have an app. The android app remains to be the top option among the businesses. It is due to the extensive usage of Android apps by the potential customers of the business. This creates vast opportunities for any Android Developers.

#### 4 METHODOLOGY/ PLANNING OF WORK:

This section describes the used methodology to develop a environment to analyze the

The Software Framework, System, Software or other solution(s) implemented to meet the user's particular needs . The modifications & custom programming to be made in order to meet the user's needs.

The step-by-step workflow for each custom, “non-housekeeping” function included in the solution(s).

The determination of the project area(s) and what version controls will exist.

The areas that are considered to be “Discovery” by either the user or developer (or both) and the workflow for guiding everyone through the Discovery Phase for features, process and functionality.

The “content plan” which details what assets will be provided, who is responsible for integration of content and in what format it is to be received in. The content plan may have several different processes based on the client's needs and the functionality of the website.

Who the project manager and staff responsible for the work plan are and their contact information.

Where the project will exists in our Project Management system and how easy it is for the student to interact with it from their browser or mobile device.

What the testing plan will be and why we use the “Exploratory Testing Method” as opposed to manual scripted testing approach.

An outline of the expected times in which meetings or presentation of deliverable will occur and what decision-trees may need to exist. It is important to make sure that the user understands when a critical decision point is going to be reached for an individual function, feature or development milestone. The Work Plan helps outline these things in a more natural language.

#### **FACILITIES REQUIRED FOR PROPOSED WORK:**

**DR. PANKAJ BHAMBRI**



## **EXPECTED OUTCOME:**

The main motive of our project is to provide welfare of students awareness about govt job vacancies by creating an android application. Students will be able to interpret the information presented by our application as it relates to their courses. Students will also be able to network with potential employers in the area. They will be updated with all notifications regarding this.

## **References**

[1] <https://www.sarkariresult.com>

[2] <http://developer.android.com/guide/index.html>