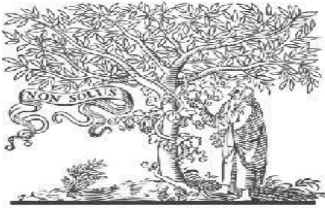




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TRAINING AND PLACEMENT PORTAL

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ABSTRACT

In present situation, the student doesn't have any clarification of the current drives and upcoming drives for those information students have to meet the TPO officer. Training and Placement Portal (TAPP) application provides the complete details about the current and upcoming drives. It also maintains the details of students those are registered for the drives. The main aim of this project is making easy for the students to know the details of the drives and it also maintains the details of students attended for different training classes. The TAPP is a web based application developed in windows platform for the placement department of the college in order to provide information of different drives. Through this application, we are providing placement details like current drives, upcoming drives and their corresponding registration links and training details to students So, they can easily access the info of training and placements and the details of student like who registered and how many students registered for a particular drive can be access by TPO.

1. INTRODUCTION

1.1 Overview

The "Training and Placement Portal (TAPP)" has been developed to override the problems prevailing in the practicing manual system. This software is supported to eliminate and in some cases reduce the hardships faced by this existing system. Moreover this system is designed for the particular need of the company to carry out operations in a smooth and effective manner. The application is reduced as much as possible to avoid errors while entering the data. It also provides error message while entering invalid data. No formal knowledge is needed for the user to use this system. Thus by this all it proves it is user-friendly. Training and Placement Portal (TAPP), as described above, can lead to error free, secure, reliable and fast management system. It can assist the user to concentrate on their other activities rather to concentrate on the record keeping.

Thus it will help organization in better utilization of resources. Every organization, whether big or small, has challenges to overcome and managing the information of Job, Applicant, College,

Salary, and Student. Every Training and Placement Portal (TAPP) has different Applicant needs, therefore we design exclusive employee management systems that are adapted to your managerial requirements. This is designed to assist in strategic planning, and will help you ensure that your organization is equipped with the right level of information and details for your future goals. Also, for those busy executive who are always on the go, our systems come with remote access features, which will allow you to manage your workforce anytime, at all times. These systems will ultimately allow you to better manage resources.

1.2 Features TAPP

- Product and Component based.
- Creating & Changing Issues at ease.
- Query Issue List to any depth.
- Reporting & charting in more comprehensive way.
- User Accounts to control the access and maintain security.
- Simple Status & Resolutions.
- Multi-level Priorities & Severities.
- Targets & Milestones for guiding the programmers.

- Attachments & Additional Comments for more information.
- Robust database back-end.

2. SYSTEM ANALYSIS

2.1 Introduction

System analysis is a process of gathering and interpreting facts, diagnosing problems and the information about the Training and Placement Portal (TAPP) to recommend improvements on the system. It is a problem solving activity that requires intensive communication between the system users and system developers. System analysis or study is an important phase of any system development process. The system is studied to the minutest detail and analyzed. The system analyst plays the role of the interrogator and dwells deep into the working of the present system. The system is viewed as a whole and the input to the system are identified. The outputs from the organizations are traced to the various processes. System analysis is concerned with becoming aware of the problem, identifying the relevant and decisional variables, analyzing and synthesizing the various factors and determining an optimal or at least a satisfactory solution or program of action. A detailed study of the process must be made by various techniques like interviews, questionnaires etc. The data collected by these sources must be scrutinized to arrive to a conclusion. The conclusion is an understanding of how the system functions. This system is called the existing system. Now the existing system is subjected to close study and problem areas are identified. The designer now functions as a problem solver and tries to sort out the difficulties that the enterprise faces. The solutions are given as proposals. The proposal is then weighed with the existing system analytically and the best one is selected. The proposal is presented to the user for an endorsement by the user.

The proposal is reviewed on user request and suitable changes are made. This is loop that ends as soon as the user is satisfied with proposal. Preliminary study is the process of gathering and interpreting facts, using the information for further studies on the system. Preliminary study is problem solving activity that requires intensive communication between the system users and system developers. It does various feasibility studies. In these studies a rough figure of the system activities can be obtained, from which the decision about the strategies to be followed for effective system study and analysis can be taken.

2.2 Existing System:

- In this, students are getting information regarding training and placements (Training timing and drive details) from TPO through mails and social media.
- By this process, Students are not getting full information about placements
- And TPO collecting data regarding placements (like who registered and who aren't register for particular drive). So, that TPO may not get correct information
- So, it will be burden for both TPO and students to get the information regarding placements.

2.3 Proposed System:

- Now we are proposing web based application which will act as an interface between students and TPO.
- TPO will share an info regarding training and placements through this application with students.
- Students will access the info which is shared by TPO. So, it will be easy for them to register for a particular drive and access the information about a particular drive.
- In this proposed system, we not only storing placements info but also student information which contains students who are registered for a drive and selected for a drive.

3. SYSTEM DESIGN AND DEVELOPMENT

3.1 System Design

System design is transition from a user oriented document to programmers or data base personnel. The design is a solution, how to approach to the creation of a new system. This is composed of several steps. It provides the understanding and procedural details necessary for implementing the system recommended in the feasibility study. Designing goes through logical and physical stages of development, logical design reviews the present physical system, prepare input and output specification, details of implementation plan and prepare a logical design walkthrough.

3.2 Software Design

In designing the software following principles are followed: Modularity and partitioning: software is designed such that, each system should consists of hierarchy of modules and serve to partition into separate function. Coupling: modules should have little dependence on other modules of a system. Cohesion: modules should carry out in a single processing function. Shared use: avoid duplication by

allowing a single module be called by other that need the function it provides.

3.3 UML Concepts

The Unified Modeling Language (UML) is a standard language for writing software blue prints. The UML is a language for

- Visualizing
- Specifying
- Constructing
- Documenting the artifacts of a software intensive system.

3.3.3.1 Class Diagram

Class diagrams are the most common diagrams used in UML. Class diagram consists of classes, interfaces, associations, and collaboration. Class diagrams basically represent the object-oriented view of a system, which is static in nature. Active class is used in a class diagram to represent the concurrency of the system. A class diagram describes the types of objects in the system and the various kinds of static relationship that exist among them. There are two principal kinds of static relationship:

- Association
- Subtype

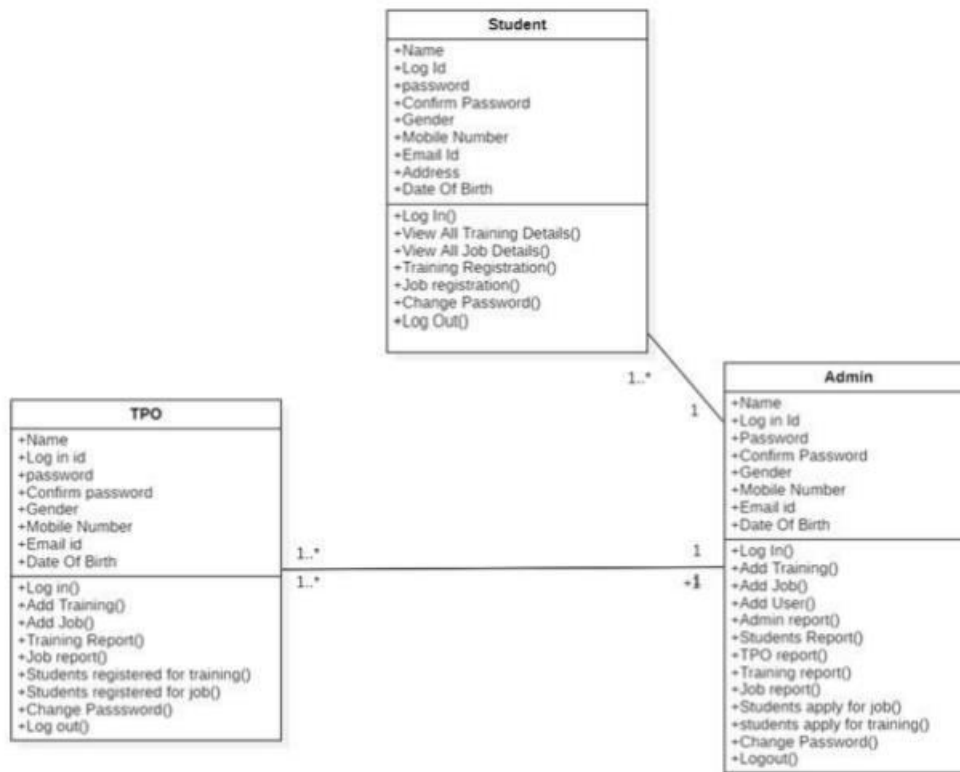


Fig 4.8: Class diagram of TAPP

4. PROJECT DESCRIPTION

4.1 Problem Definition

The main objective of the Project, Training and Placement Portal (TAPP) is to manage the details of Applicant, Job, Company, College, and Student. It manages all the information about Admin, Student, Job, Trainings, and TPO. The project is totally built at administrative end and thus only the administrator is guaranteed the access. The purpose of the project is to build an application program to reduce the manual work for managing the Student, Job, Trainings, and TPO. It tracks all the details about the Jobs, Trainings, TPO, and Student

4.2 Functionalities provided by Training and Placement Portal (TAPP)

- Provides the searching facilities based on various factors. Such as Jobs, Training, Student.

- Training and Placement Portal (TAPP) also manage the Jobs and Training details online for Company details, Student details.
- It tracks all the information of Jobs, Trainings etc.
- Manage the information of Job
- Shows the information and description of the Student, Company.
- To increase efficiency of managing the Student, Jobs, Training.
- It deals with monitoring the information of Jobs and Trainings.
- Manage the information of Student and TPO.
- Editing, adding and updating of Records is improved which results in proper resource management of Student and TPO data.
- Manage the information of TPO and Student.
- Integration of all records of Student.

- Listing of all jobs and trainings.
- Report of all drives.
- Report of all Applicants
- Report of all Students applied for drives.

- Report of all selected students details.

5. SCREENSHOTS

Home

Page:



Fig 7.1: Home page



Fig 7.1: Home page



Fig 7.2: Home page

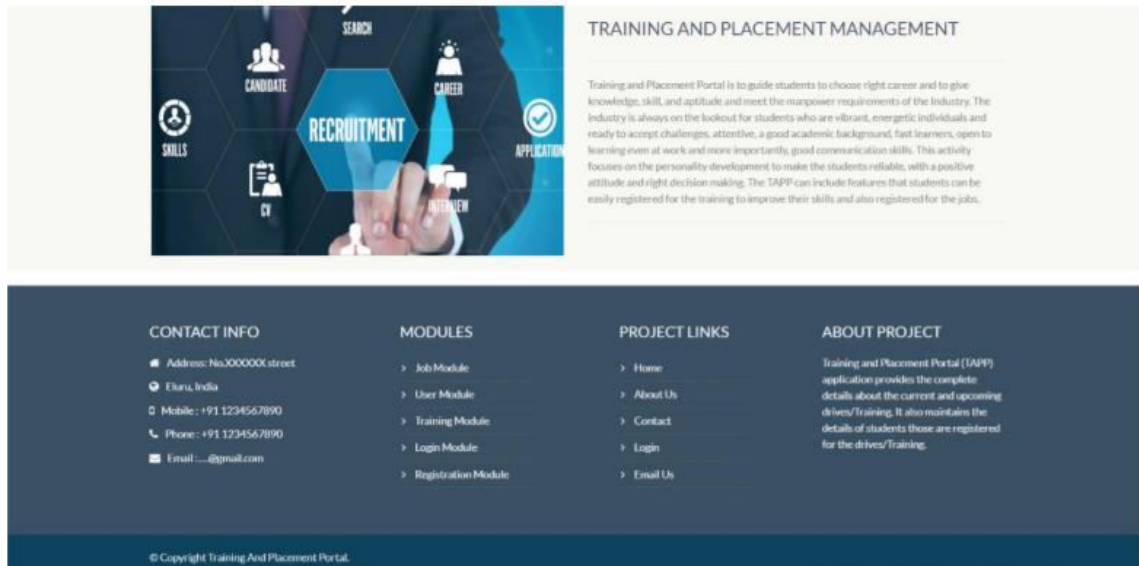


Fig 7.3: End of Home page

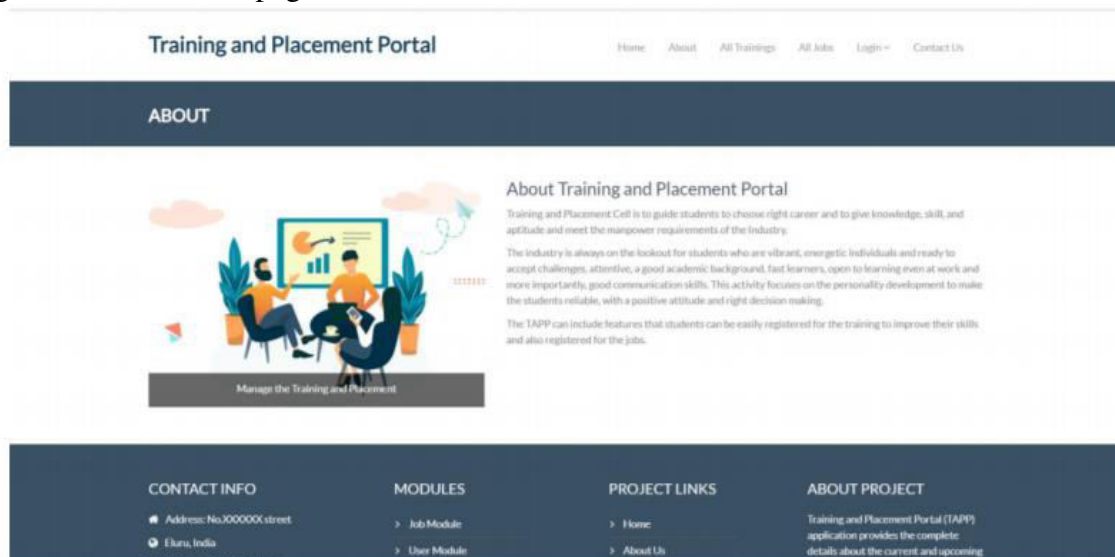


Fig 7.4: About page

CONCLUSION:

Our project is only a humble venture to satisfy the needs to manage their project work. Several user friendly coding have also adopted. This package shall prove to be a powerful package in satisfying all the requirements of the school. The objective of software planning is to provide a framework that enables the manager to make reasonable estimates made within a limited

time frame at the beginning of the software project and should be updated regularly as the project progresses.

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