



Welcome



TO

CAMPUS TRAINING AND PLACEMENT CELL MANAGEMENT SYSTEM

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UNDER THE GUIDANCE OF

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INRODUCTION

In today's competitive job market, the role of campus training and placement cells within educational institutions has become increasingly vital. These cells serve as intermediaries between students seeking employment opportunities and companies looking to recruit fresh talent. However, managing the multitude of tasks involved in the placement process can be complex and time-consuming. To address these challenges, the Campus Training and Placement Cell Management System (CTPCMS) offers a comprehensive solution.

SCOPE OF SYSTEM

The scope of the Campus Training and Placement Cell Management System (CTPCMS) encompasses various aspects of managing campus placement activities within educational institutions. The system aims to address the needs of students, placement coordinators, recruiters, and administrators involved in the placement process. The key components within the scope of CTPCMS include:

- 1.Student Management
- 2.Job Posting and Management
- 3.Placement Tracking
- 4.Communication And Collaboration

PURPOSE OF SYSTEM

- ▶ The purpose of developing the Campus Training and Placement Cell Management System (CTPCMS) is multifaceted and encompasses several key objectives:
- ▶ Streamline Placement Process:CTPCMS aims to streamline the various processes involved in managing campus placements, including job posting, application processing, and placement tracking.
- ▶ Optimize Decision Making:By leveraging data analytics and reporting capabilities, CTPCMS enables placement coordinators and administrators to make data-driven decisions to optimize the placement process.
- ▶ Empower Student:CTPCMS empowers students by providing them with the tools and resources they need to enhance their employability and secure meaningful employment opportunities.
- ▶ Strengthen Industry Connections:CTPCMS strengthens the connection between educational institutions and the industry by facilitating connections between students and recruiters.

OBJECTIVE OF SYSTEM

The objective of the Campus Training and Placement Cell Management System (CTPCMS) is to create a comprehensive software solution that facilitates the efficient management of campus placement activities within educational institutions. The primary objectives of CTPCMS include:

- ▶ Automation
- ▶ Transparency
- ▶ Communication
- ▶ Empowerment

Fact Finding Techniques

- ▶ Fact-finding techniques are methods used to gather information, requirements, and insights from stakeholders, users, and other sources to understand the current situation, identify needs, and inform decision-making in the context of software development projects. Here are some commonly used fact-finding techniques:
- ▶ Interviews:
 - Conducting structured or unstructured interviews with stakeholders, users, subject matter experts, and other relevant parties to gather information, elicit requirements, and understand perspectives. Interviews allow for open-ended discussions and follow-up questions to explore topics in depth.
- ▶ Questionnaires and Surveys:
 - Distributing questionnaires or surveys to stakeholders and users to collect data, opinions, preferences, and feedback on specific topics or areas of interest.

Fact Finding Techniques

► Observation:

- Observing users, processes, and interactions in their natural environment to understand how systems are used, identify pain points, and uncover areas for improvement. Observation can provide valuable insights into user behavior, workflow patterns, and usability issues that may not be apparent through other methods.

► Document Analysis:

- Reviewing existing documentation, reports, specifications, requirements documents, and other relevant materials to gather information, clarify details, and validate understanding. Document analysis helps identify gaps, inconsistencies, and dependencies that need to be addressed in the software development process.

Feasibility Study

► Technical Feasibility:

- Assess the technical requirements and capabilities needed to develop, deploy, and maintain CTPCMS.
- CTPCMS Evaluate the availability of skilled IT resources, infrastructure and technology platform required for implementing scope.
- Determine whether the institutions existing system and platforms can integrate with CTPCMS. .

Feasibility Study

- ▶ Financial Feasibility:
 - Estimate the costs associated with developing, customizing, and deploying CTPCMS, including software development, hardware, licensing, and implementation services.
 - Compare the estimated costs with the expected benefits and potential savings from improved efficiency, reduced manual effort, and enhanced placement outcomes.
 - Conduct a cost-benefit analysis to determine the return on investment (ROI) and payback period for implementing CTPCMS.

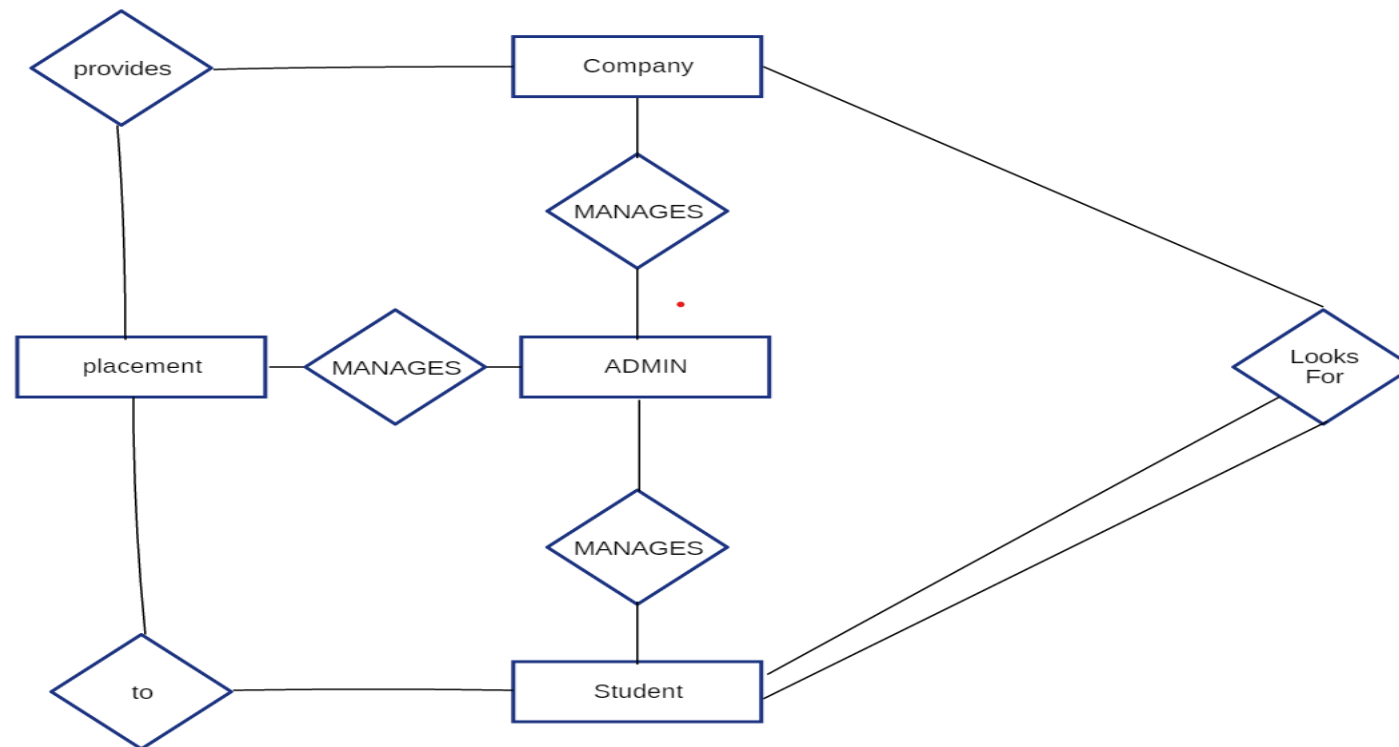
Feasibility Study

► Operational Feasibility:

- Access the operational impact of implementing CTPCMS on existing process, workflows and stakeholders within the educational institution.
- Identify potential barriers to adoption, such as resistance to change, lack of user training or culture factors. Compare the estimated costs with the expected benefits and potential savings from improved efficiency, reduced manual effort, and enhanced placement outcomes.
- Develop a change management plan to address challenges and ensure the smooth transition to CTPCMS.

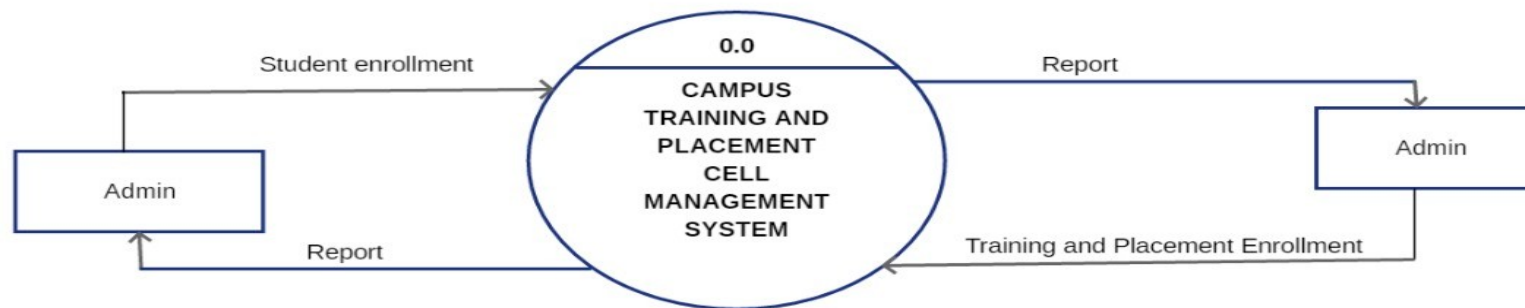
Diagrams

ER DIAGRAM



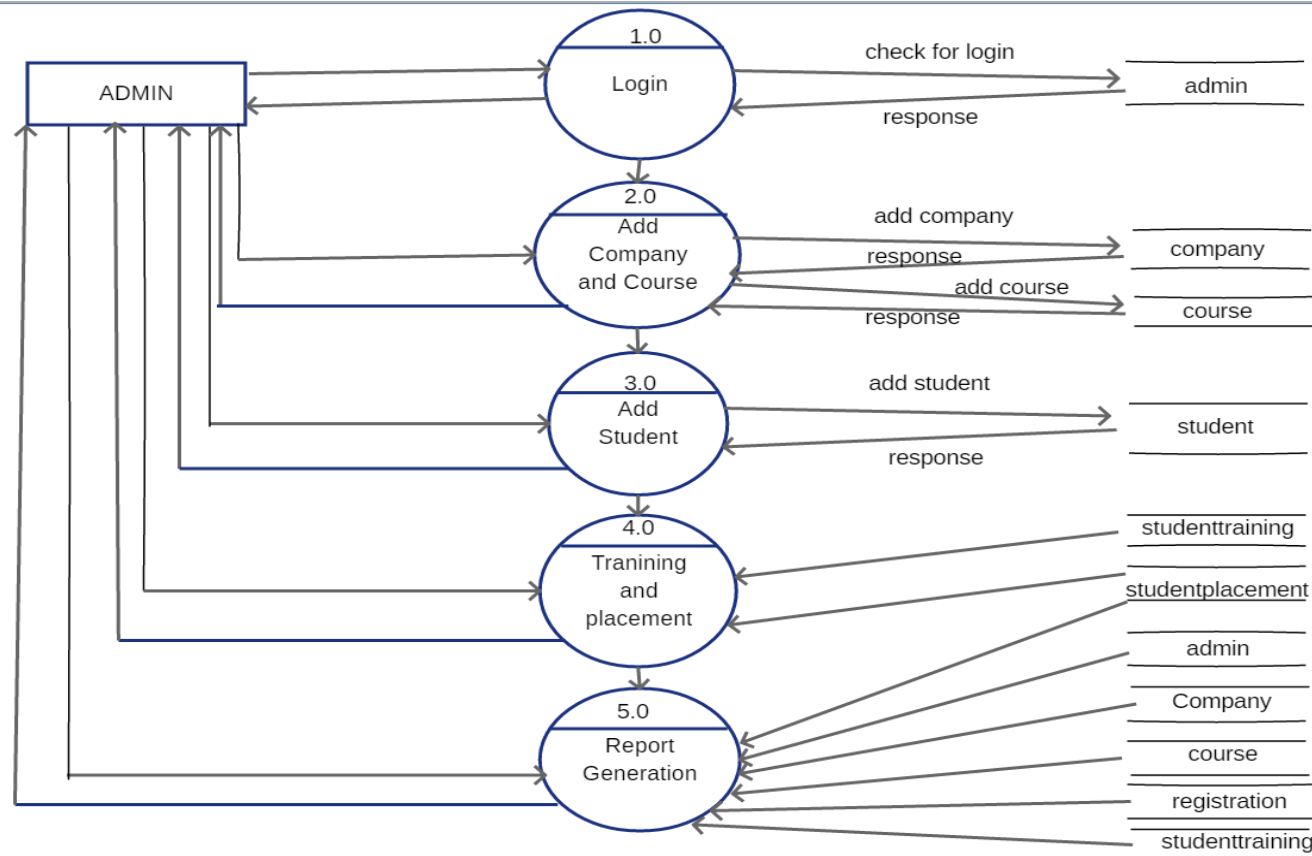
Diagrams

CONTEXT LEVEL



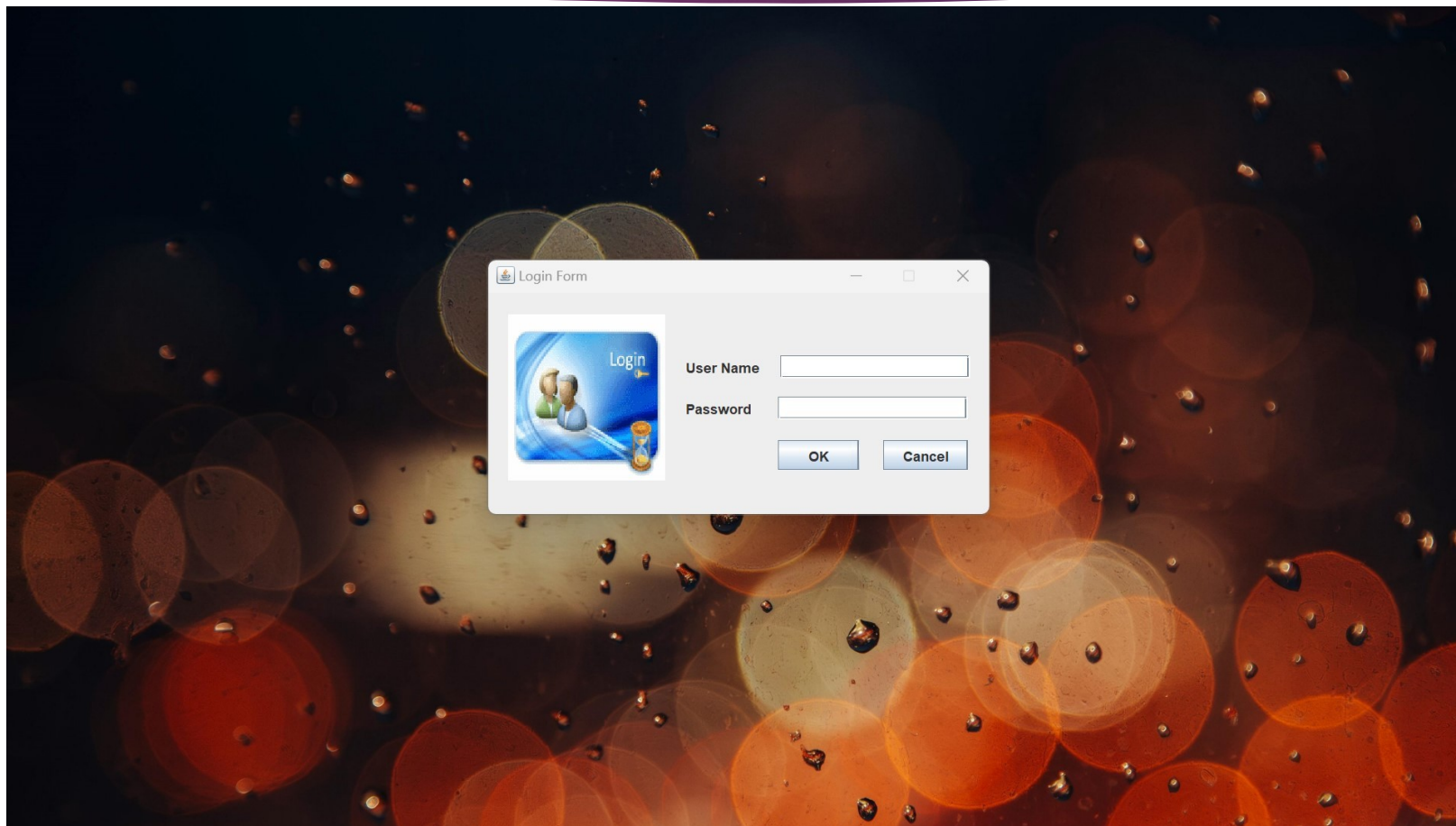
Diagrams

FIRST LEVEL DFD

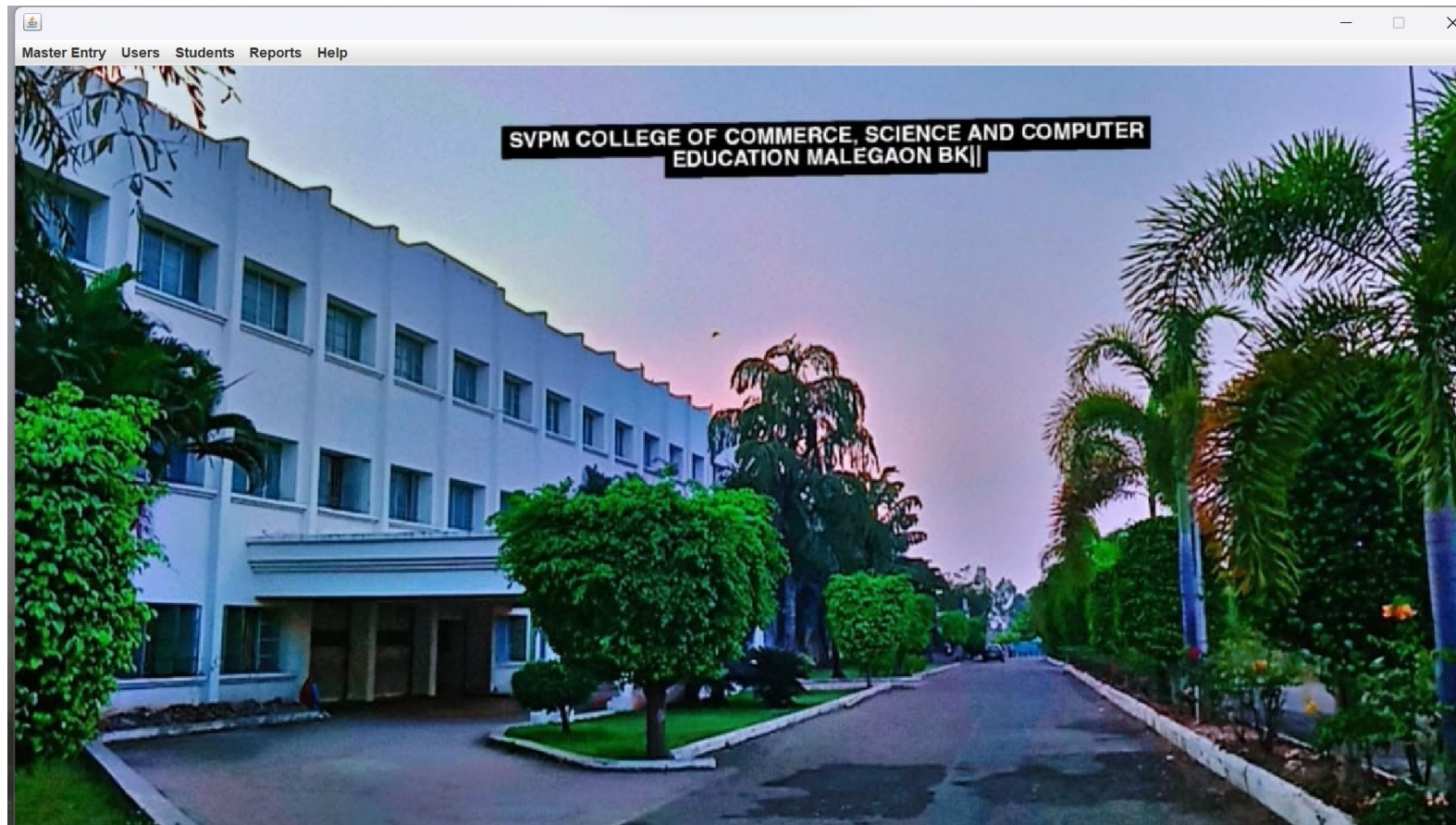


User Interface

LOGIN PAGE

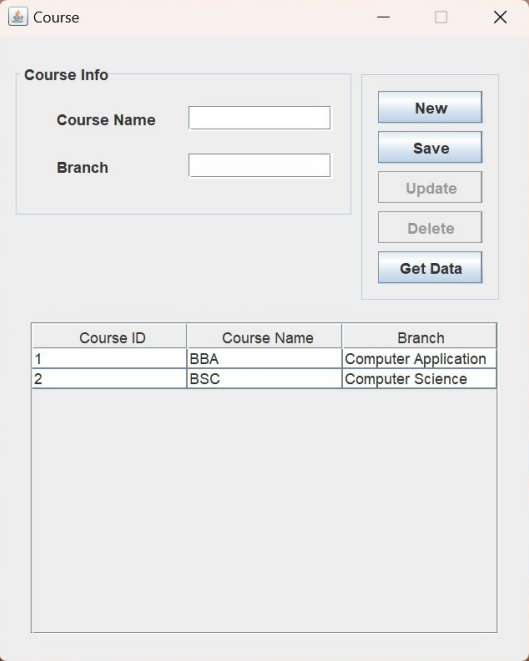


User Interface HOME PAGE



User Interface

ADD COURSE

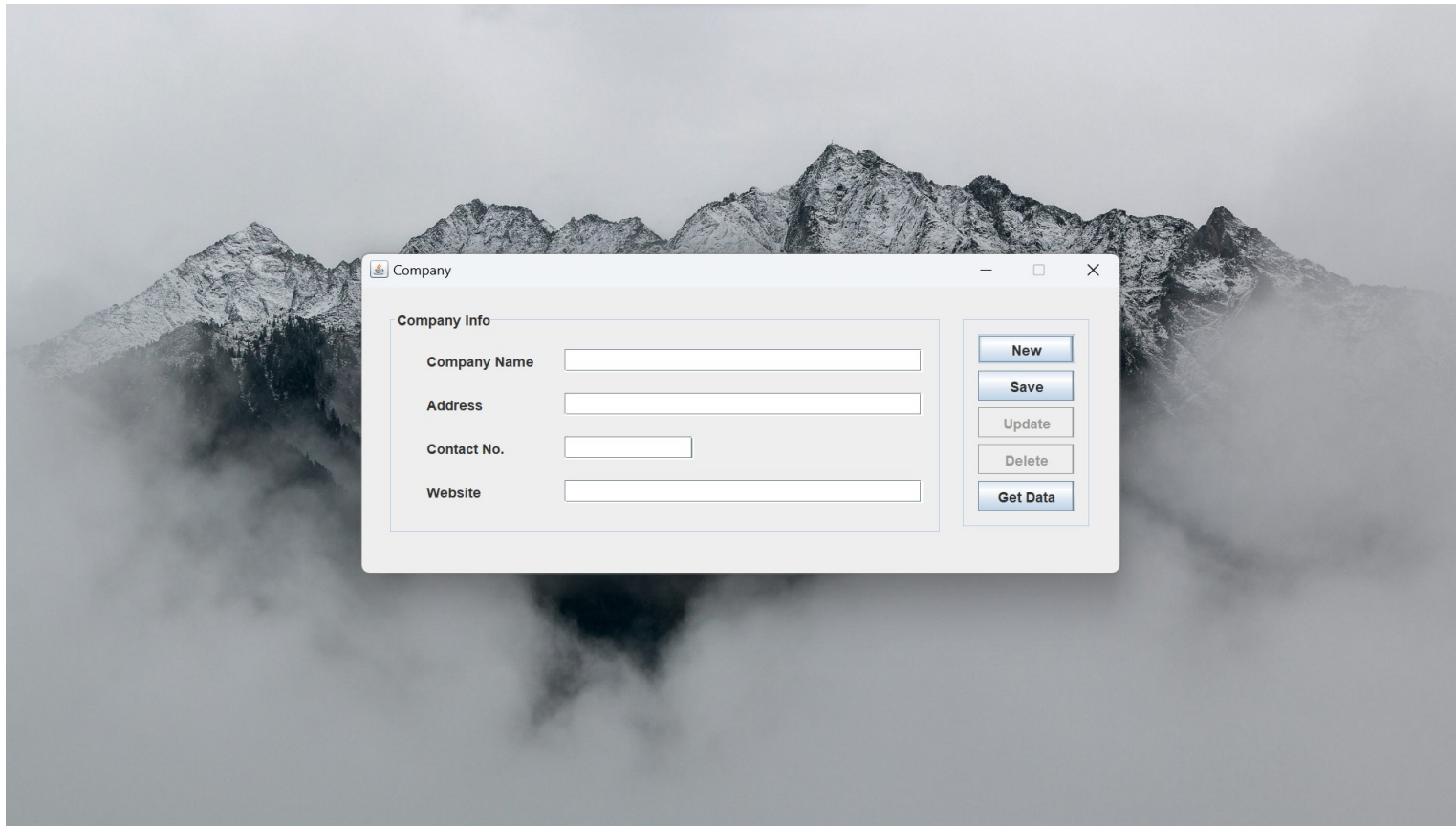


The screenshot displays a web application window titled "Course". It features a "Course Info" section with two input fields: "Course Name" and "Branch". To the right of these fields are five buttons: "New", "Save", "Update", "Delete", and "Get Data". Below the input fields is a table with three columns: "Course ID", "Course Name", and "Branch". The table contains two rows of data. Below the table is a large, empty rectangular area, likely for displaying additional information or a list of courses.

Course ID	Course Name	Branch
1	BBA	Computer Application
2	BSC	Computer Science

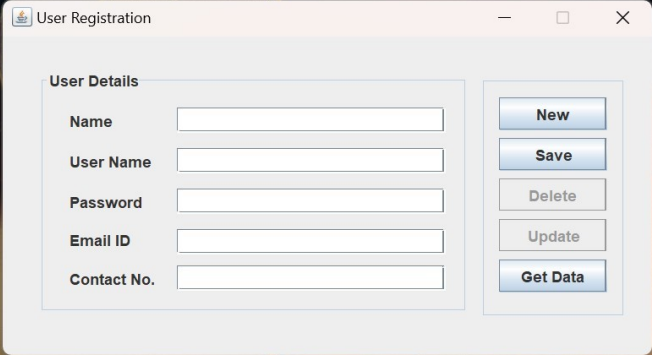
User Interface

ADD COMPANY



User Interface

REGISTRATION PAGE

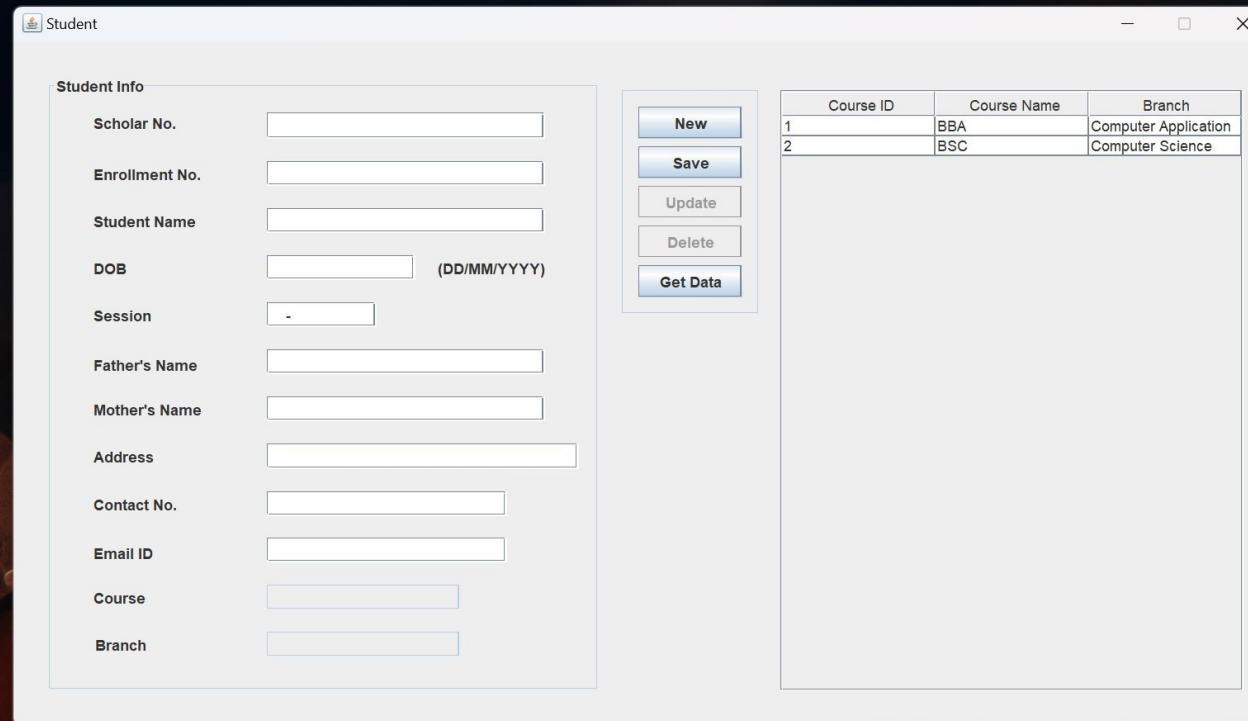


A screenshot of a 'User Registration' window. The window has a title bar with a minimize button, a maximize button, and a close button. The main content area is divided into two sections. The left section, titled 'User Details', contains five input fields: 'Name', 'User Name', 'Password', 'Email ID', and 'Contact No.'. The right section contains five buttons: 'New', 'Save', 'Delete', 'Update', and 'Get Data'. The background of the window is a dark, abstract pattern of orange and yellow circles.

User Details	
Name	<input type="text"/>
User Name	<input type="text"/>
Password	<input type="text"/>
Email ID	<input type="text"/>
Contact No.	<input type="text"/>

User Interface

PROFILE ENTRY PAGE



Student

Student Info

Scholar No.

Enrollment No.

Student Name

DOB (DD/MM/YYYY)

Session

Father's Name

Mother's Name

Address

Contact No.

Email ID

Course

Branch

New

Save

Update

Delete

Get Data

Course ID	Course Name	Branch
1	BBA	Computer Application
2	BSC	Computer Science

User Interface

TRAINING ENTRY PAGE

The screenshot displays a web application window titled "Students Training". The interface is divided into several sections:

- Student Info:** A form with input fields for Scholar No., Enrollment No., Student Name, Session, Course, and Branch.
- Company and Training Info:** A form with input fields for Company Name, Address, Contact No., Email ID, and Training Duration (in months).
- Action Buttons:** A vertical stack of buttons including "New", "Save", "Update", "Delete", and "Get Data".
- Data Table:** A table with 6 columns: Scholar No., Enrollment No., Student Name, Session, Course, and Branch. It contains one data row.

Scholar No.	Enrollment No.	Student Name	Session	Course	Branch
1	1	User Demo	2021-2024	BSC	Computer Scien...

User Interface

PLACEMENT ENTRY PAGE

Students Placement

Student Info

Scholar No.

Enrollment No.

Student Name

Session

Course

Branch

Company and Placement Info

Company Name

Package

Placement Date (DD/MM/YYYY)

New

Save

Update

Delete

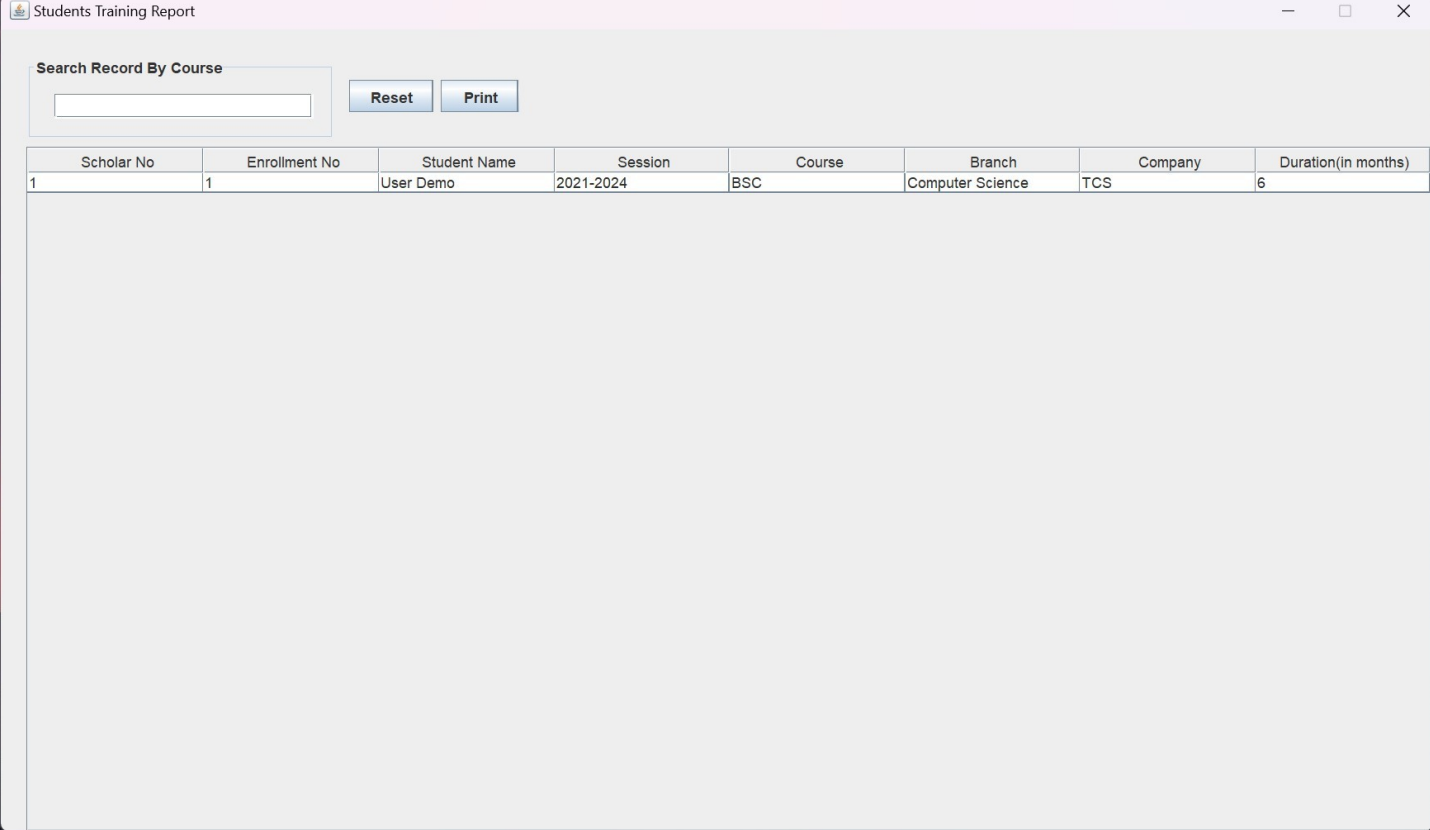
Get Data

Company ID	Company Name
1	Wipro

Scholar No.	Enrollment No.	Student Name	Session	Course	Branch
1	1	User Demo	2021-2024	BSC	Comp

User Interface

TRAINING REPORT PAGE

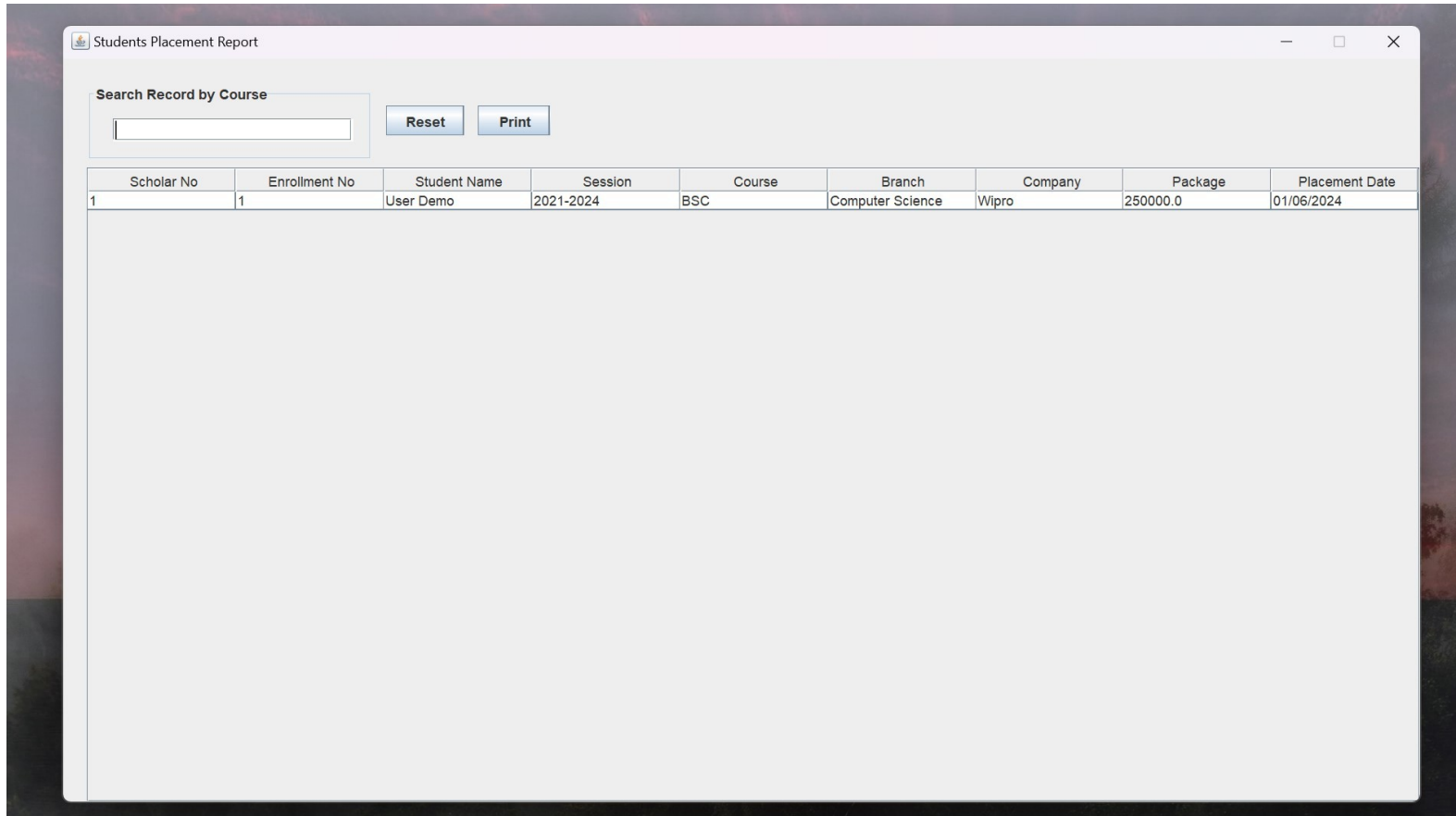


The screenshot displays a web application window titled "Students Training Report". It features a search section with the label "Search Record By Course", a text input field, and "Reset" and "Print" buttons. Below this is a table with the following data:

Scholar No	Enrollment No	Student Name	Session	Course	Branch	Company	Duration(in months)
1	1	User Demo	2021-2024	BSC	Computer Science	TCS	6

User Interface

PLACEMENT REPORT PAGE



The screenshot displays a web application window titled "Students Placement Report". At the top, there is a search section labeled "Search Record by Course" containing a text input field. To the right of the input field are two buttons: "Reset" and "Print". Below this section is a table with the following data:

Scholar No	Enrollment No	Student Name	Session	Course	Branch	Company	Package	Placement Date
1	1	User Demo	2021-2024	BSC	Computer Science	Wipro	250000.0	01/06/2024

TABLES

ADMIN,STUDENT

ADMIN

Field_Name	Data Type	Field Size	Description	Constraints
Username	<u>varchar</u>	50	User Name	Primary Key
User_Password	<u>varchar</u>	50	Password	Not Null

STUDENT

Field_Name	Data Type	Field Size	Description	Constraints
<u>ScholarNo</u>	<u>varchar</u>	59	Scholar Number	Primary Key
<u>EnrollmentNo</u>	text	_	Enrollment Number	Not Null
<u>StudentName</u>	text	_	Student Name	Not Null
DOB	text	_	Date Of Birth	Not Null
Session	text	_	Session	Not Null
<u>FatherName</u>	text	_	Father Name	Not Null
<u>MotherName</u>	text	_	Mother Name	Not Null
Address	text	_	Address	Not Null
<u>ContactNo</u>	text	_	Contact Number	Not Null
Email	text	_	Email	Not Null
<u>CourseID</u>	int	11	<u>CourseID</u>	Forigen Key

TABLES

COMPANY,COURSE

COMPANY

Field_Name	Data Type	Field Size	Description	Constraints
<u>CompanyID</u>	int	11	Company ID	Primary Key
<u>CompanyName</u>	text	_	Company Name	Not Null
Address	text	_	Address	Not Null
<u>ContactNO</u>	text	_	Contact Number	Not Null
Website	text	_	Website address	Not Null

COURSE

Field_Name	Data Type	Field Size	Description	Constraints
<u>CourseID</u>	int	11	Course ID	Primary Key
<u>CourseName</u>	text	_	Course Name	Not Null
Branch	text	_	Branch	Not Null

TABLES

TRAINING AND PLACEMENT

Studentplacement

Field_Name	Data Type	Field Size	Description	Constraints
ID	int	11	ID	Primary Key
<u>ScholarNo</u>	<u>varchar</u>	59	Scholar Number	foreign key
<u>ComnpanyID</u>	int	11	Company id	foreign key
Package	double	_	Salary LPA	Not Null
<u>PlacementDate</u>	text	_	Date Of Birth	Not Null

Studenttraining

Field_Name	Data Type	Field Size	Description	Constraints
ID	int	11	ID	Primary Key
<u>ScholarNo</u>	<u>varchar</u>	59	Scholar Number	foreign key
<u>CompanyName</u>	text	_	Company Name	Not Null
Address	text	_	Address	Not Null
<u>ContactNo</u>	text	_	Contact Number	Not Null
Email	text	_	Email	Not Null
<u>TrainingDuration</u>	int	11	Training Duration	Not Null

ADVANTAGES & DISADVANTAGES

Advantages:

- ▶ Streamlined Process
- ▶ Improved Accessibility
- ▶ Enhanced Efficiency
- ▶ Improved Candidate Experience

Disadvantages:

- ▶ Initial investment
- ▶ User Adoption
- ▶ Maintenance and Updates
- ▶ Dependency on technology

FUTURE SCOPE

- ▶ Artificial Intelligence and Machine Learning:
- ▶ Predictive Analytics
- ▶ Blockchain Technology
- ▶ Virtual Reality (VR) and Augmented Reality (AR)
- ▶ Global Networking and Opportunities
- ▶ Data Visualization and Reporting
- ▶ Mobile Accessibility

CONCLUSION

CTPCMS offers numerous advantages in terms of efficiency, accessibility, and effectiveness, it is essential to acknowledge and address potential challenges such as initial investment, integration complexities, user adoption, maintenance requirements, security risks, and dependency on technology. By implementing appropriate strategies to mitigate these challenges and capitalize on the benefits of CTPCMS, educational institutions can realize significant improvements in the placement process, student outcomes, and institutional reputation.

THANK YOU