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EDUKART E-LEARNING PORTAL

Software Design Pattern

A PROJECT REPORT

Submitted by

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in partial fulfillment for the award of the degree

Of

BACHELOR OF TECHNOLOGY

In Computer Science & Engineering

JULY – 2024

E-LEARNING PORTAL

Abstract

This E-Learning System Report provides a comprehensive overview of the current status and performance metrics of our online learning platform. The purpose of this report is to analyze user engagement, course completion rates, and related outcomes to ensure efficient learning experiences and optimal educational delivery.

The report includes a detailed glossary of key terms used in e-learning to facilitate understanding and clarity. The glossary covers essential concepts such as Learning Management System (LMS), User Engagement, Adaptive Learning, among others. Each term is defined to provide context and support accurate interpretation of the e-learning data presented.

Introduction

Effective e-learning management is critical for optimizing educational experiences, minimizing barriers to learning, and meeting diverse learner needs. This report aims to provide a detailed analysis of our current e-learning platform status and performance, offering insights into key metrics and operational efficiencies.

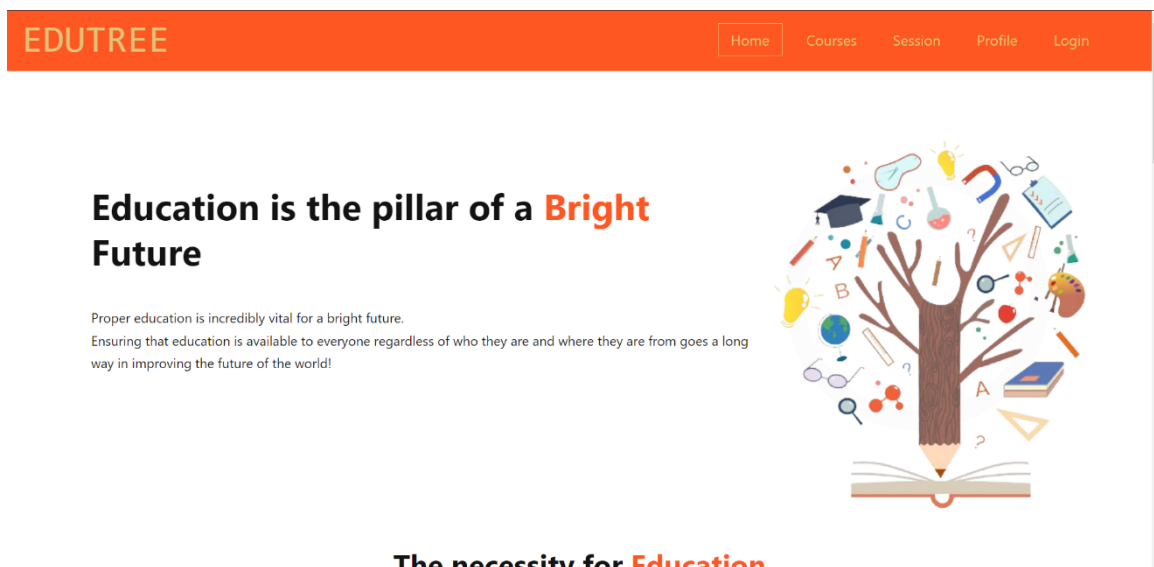
As part of this report, we have included a comprehensive glossary of e-learning terms. The glossary is designed to clarify and define key concepts that are central to understanding and interpreting the data presented. Whether you are an experienced educator or new to e-learning, the glossary will serve as a valuable resource for navigating the complexities of online education.

1. Home Page

Purpose: The home page serves as the landing page for users visiting the e-learning system. It provides access to the login and registration functionalities.

- **Login:**
 - **Functionality:** Allows existing users to access their accounts.
 - **Components:**
 - **Username:** Input field for the user's unique identifier.
 - **Password:** Input field for the user's password.

- **Submit Button:** Button to submit login credentials.
- **Signup/Register:**
 - **Functionality:** Enables new users to create an account.
 - **Components:**
 - **Register Button:** Redirects users to the registration page.
 - **Description:** Brief text encouraging users to sign up for access to the system.
- **Footer:**
 - **Components:**
 - **Contact Information:** Details for customer support or inquiries.
 - **Privacy Policy:** Link to the privacy policy page.
 - **Terms of Service:** Link to the terms and conditions page.
 - **Social Media Links:** Icons linking to social media profiles of the organization.



2. Dashboard

The dashboard is the main interface for users once they log in. There are two types of dashboards: User Dashboard and Admin Dashboard.

- **User Dashboard:**

- **Purpose:** Provides standard users with access to their personal e-learning functions.
- **Components:**
 - **Course Overview:** Displays a summary of the user's courses enrolled.
 - **Manage Session:** Links or buttons to add, edit, or delete course sessions.
 - **Reports:** Access to various reports such as stock levels, turnover rates, and order history.
 - **Notifications:** Alerts for exam dates, assignment deadlines, or system updates.
 - **Profile Management:** Options to update personal information and settings.

The screenshot shows the 'EDUTREE' user dashboard. The top navigation bar is orange with links for Home, Courses, Session, Profile (active), and Login. The main content area is divided into two sections. On the left, there is a user profile card for 'Kiran R' with ID '01', a circular profile picture placeholder with the letter 'K', and a 'CHANGE PROFILE PICTURE' button. On the right, the 'PROFILE SETTINGS' section contains a form with the following fields: First Name (Kiran), Last Name (R), Age (19), Email (kr@gmail.com), Department (CSE), Blood Group (O+), Contests (None), Date of Joining (01-01-2023), Phone Number (9478645211), Email Address (kr@gmail.com), City (New York), and Country (USA). An 'UPDATE' button is located at the bottom of the form.

- **Admin Dashboard:**

- **Purpose:** Provides administrators with comprehensive control over the entire e-learning system and user management.
- **Components:**
 - **User Management:** Tools to manage user accounts, including adding, editing, or removing users.
 - **Course Management:** Oversee courses across the system, including adjusting course availability and reviewing reports.
 - **System Settings:** Configuration options for system parameters and preferences.
 - **Reports:** Detailed reports on student performance, user activity, and system health.

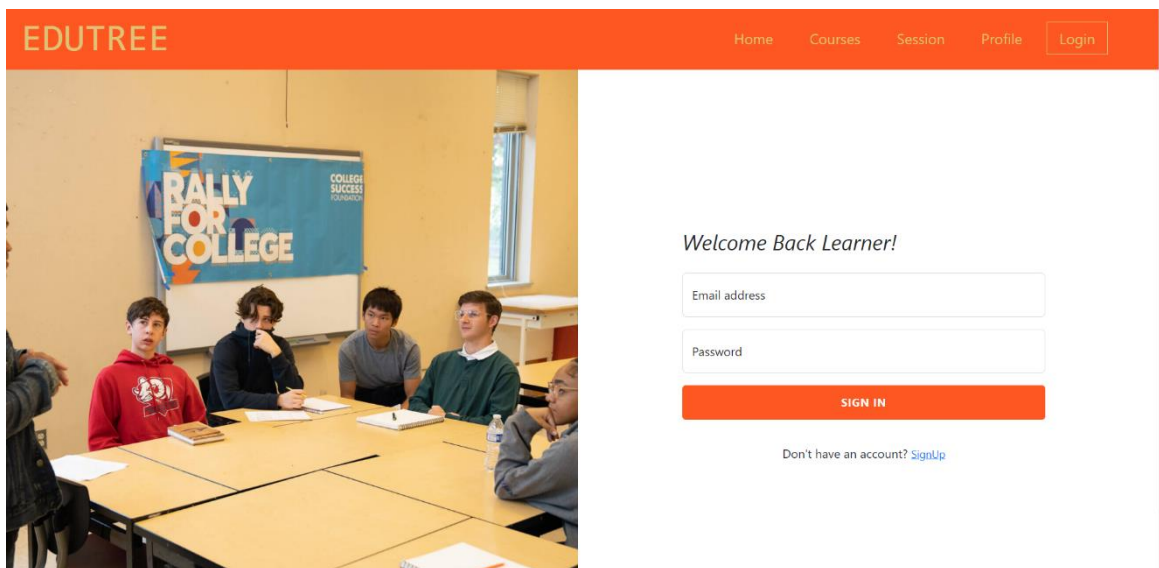
The screenshot displays the 'ADMIN MANAGEMENT DASHBOARD'. On the left is a sidebar with links: 'User Control' (with a group icon), 'My Profile' (with a person icon), and 'Logout' (with a door icon). The main content area has a blue header bar with the title 'ADMIN MANAGEMENT DASHBOARD'. Below this, the 'Add User' section is highlighted in orange. It contains four input fields: 'First Name', 'Last Name', 'Email', and 'Role'. A green 'CREATE NEW USER' button is positioned to the right of the 'Role' field. Below the 'Add User' section is the 'USER LIST' section, which shows a table with columns for 'First Name', 'Last Name', 'Email', 'Role', and 'Actions'. The table is currently empty.

3. Login Page

Purpose: The login page is used for user authentication, allowing access to the e-learning management system.

- **Components:**
 - **Email Address Field:** Input field for the user to enter their email.

- **Password Field:** Input field for the user to enter their password.
- **Login Button:** Button to submit the login credentials.
- **Remember Me:** Checkbox to remember the user's login credentials for future sessions.
- **Signup:** Link that redirects to the signup page.

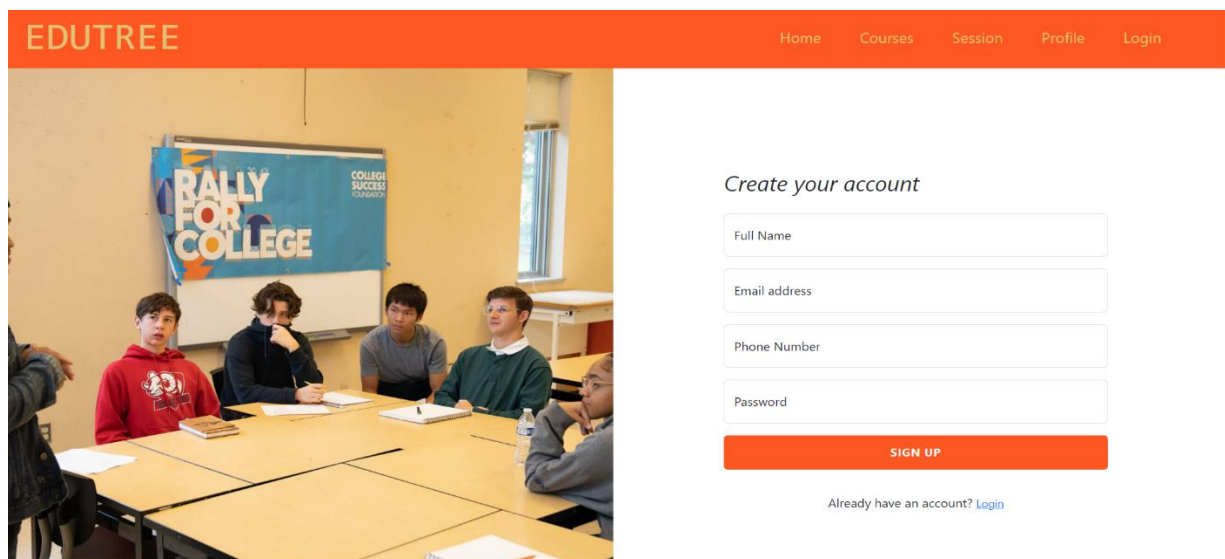


4. Registration Page

Purpose: The registration page allows new users to create an account by providing their personal information.

- **Components:**

- **Full Name:** Input field for the user's full name.
- **Email Address:** Input field for the user's email address.
- **Password:** Input field for setting a password.
- **Phone Number:** Input field for the user's contact number.
- **Submit Button:** Button to complete the registration process.



Conclusion

In conclusion, this Inventory Management Report provides a thorough examination of our inventory system's current state, highlighting key metrics, performance indicators, and the functionality of various user interfaces. The inclusion of a comprehensive glossary ensures that all stakeholders, whether familiar with inventory management or not, have a clear understanding of the terminology and concepts used throughout the report.