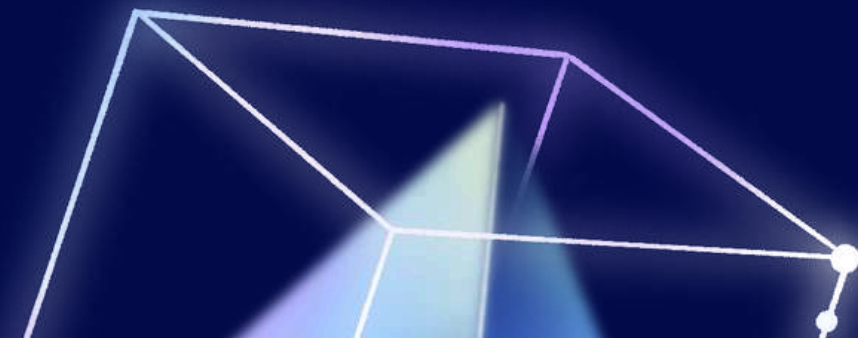
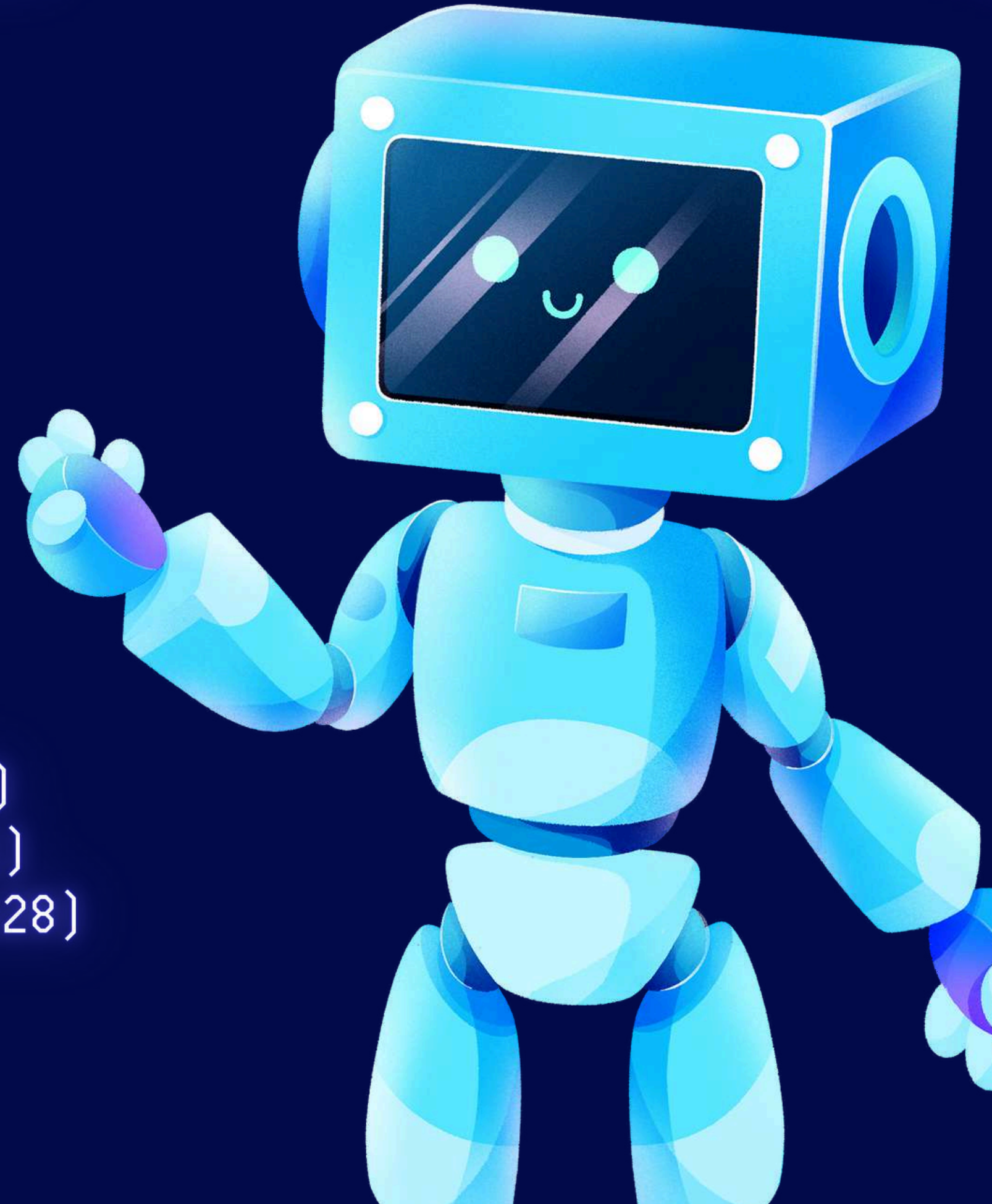


SKY_HAWKS SYSTEM



QUICKREGISTER: PHP & MYSQL EVENT SIGN-IN WITH QR CODES

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INTRODUCTION

Managing event registrations and sign-ins efficiently is essential for successful event management. QuickRegister is a web-based application that uses QR codes to streamline the registration and sign-in process. Built with PHP for server-side scripting and MySQL for database management, this system ensures fast, accurate, and hassle-free event attendance tracking. In this presentation, we'll explore the features, advantages, and implementation of QuickRegister.



OBJECTIVE

THE ART OF EXPLORATION




The QuickRegister system aims to modernize and streamline the event registration and sign-in process by incorporating QR code technology. This project focuses on creating an efficient, user-friendly platform that minimizes manual entry errors, enhances data management, and provides real-time tracking of attendee information.



EXISTING SYSTEM


Some events use digital sign-in systems like online registration forms and digital check-in applications where attendees fill out web forms before the event and manually confirm their attendance on-site using tablets or laptops. Despite being digitalized, these systems rely on manual data entry, leading to potential inaccuracies and inefficiencies. Without automated features like QR code scanning, they lack the speed and real-time data management needed for optimal event management.



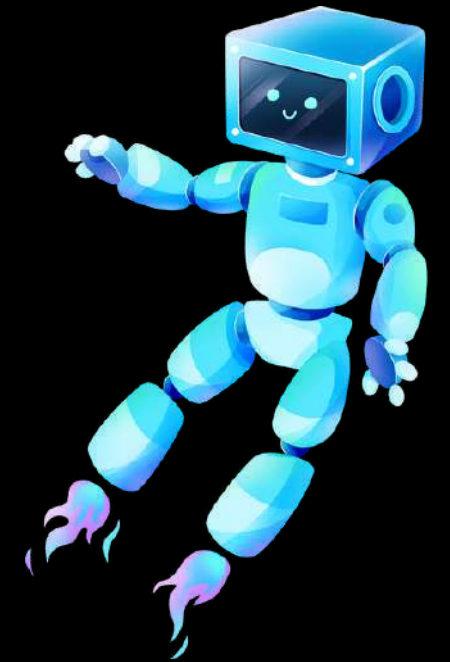
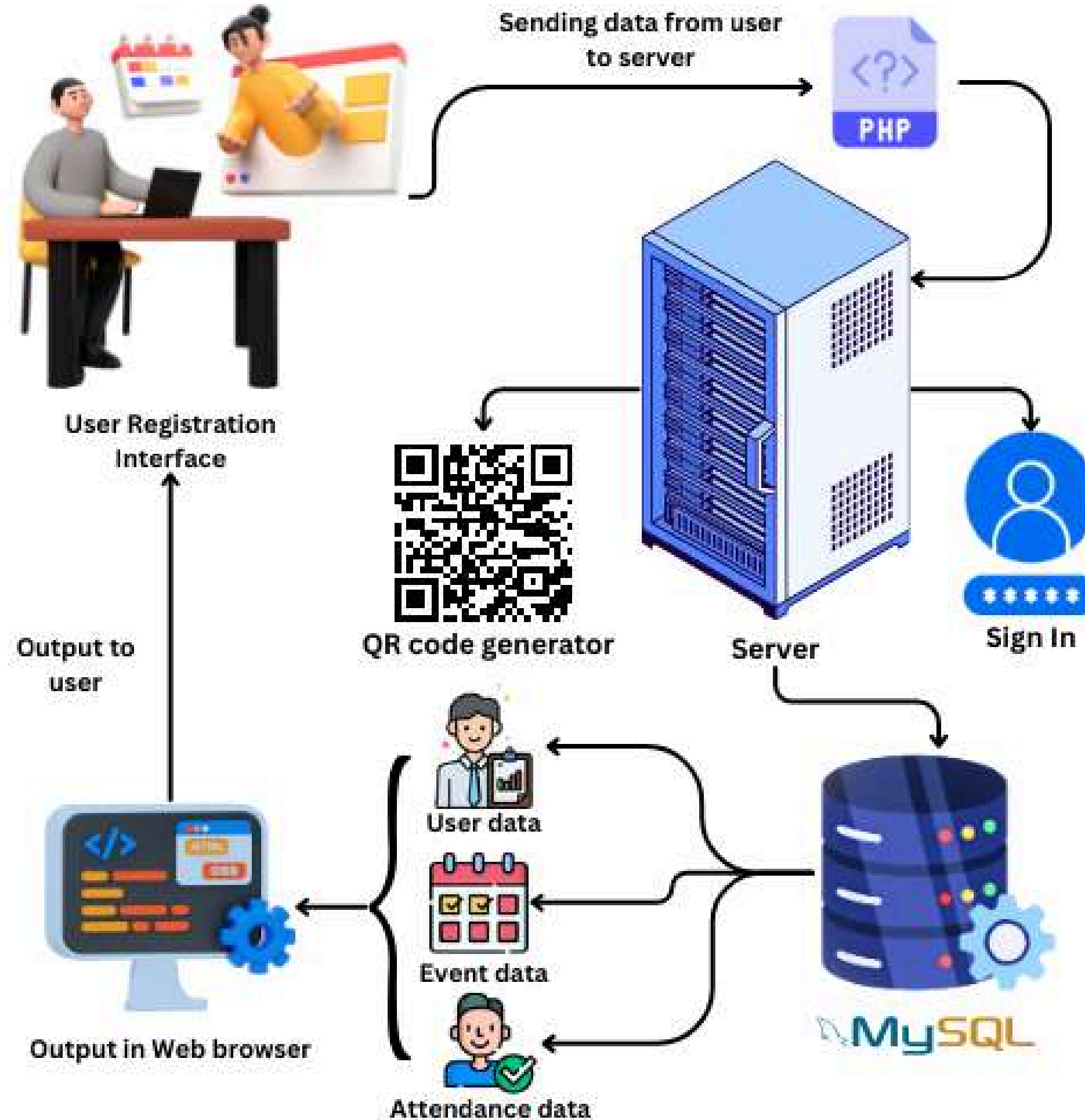
A close-up photograph of a person's hand and forearm. The person has a prosthetic arm with a complex, multi-fingered design. The background is dark and out of focus, showing the person's face and upper body. The lighting is dramatic, with strong highlights on the hand and arm.

PROPOSED SYSTEM

QuickRegister leverages PHP and MySQL to create a web-based event registration and sign-in system using QR codes. Attendees register online, receive unique QR codes via email, and scan these codes at the event for quick check-in. This system eliminates manual data entry, reducing errors and inefficiencies, while QR code scanning ensures fast, accurate check-ins. Real-time data management allows organizers to seamlessly track attendance, resulting in a more efficient and user-friendly event management experience.

A stylized, blue, cartoonish hand with a grid-like pattern on the palm and fingers, positioned in the bottom right corner of the slide.

ARCHITECTURE DESIGN



MODULES

1. User Login Module:

Allows users to securely log in and access event registration features.



2. Admin Login Module:

Provides a secure login interface for administrators to manage event data.



3. Event Registration Module:

Enables users to register for events and receive unique QR codes.



4. QR Code Generation Module:

Automatically generates and emails QR codes to registered users.



5. Event Sign-In Module:

Facilitates quick check-in by scanning QR codes at the event.



6. User Dashboard:

Displays a list of available events and detailed information about each event to users.



7. Admin Dashboard:

Allows administrators to view and manage user lists, attendance records, event details, counts, and event dates.



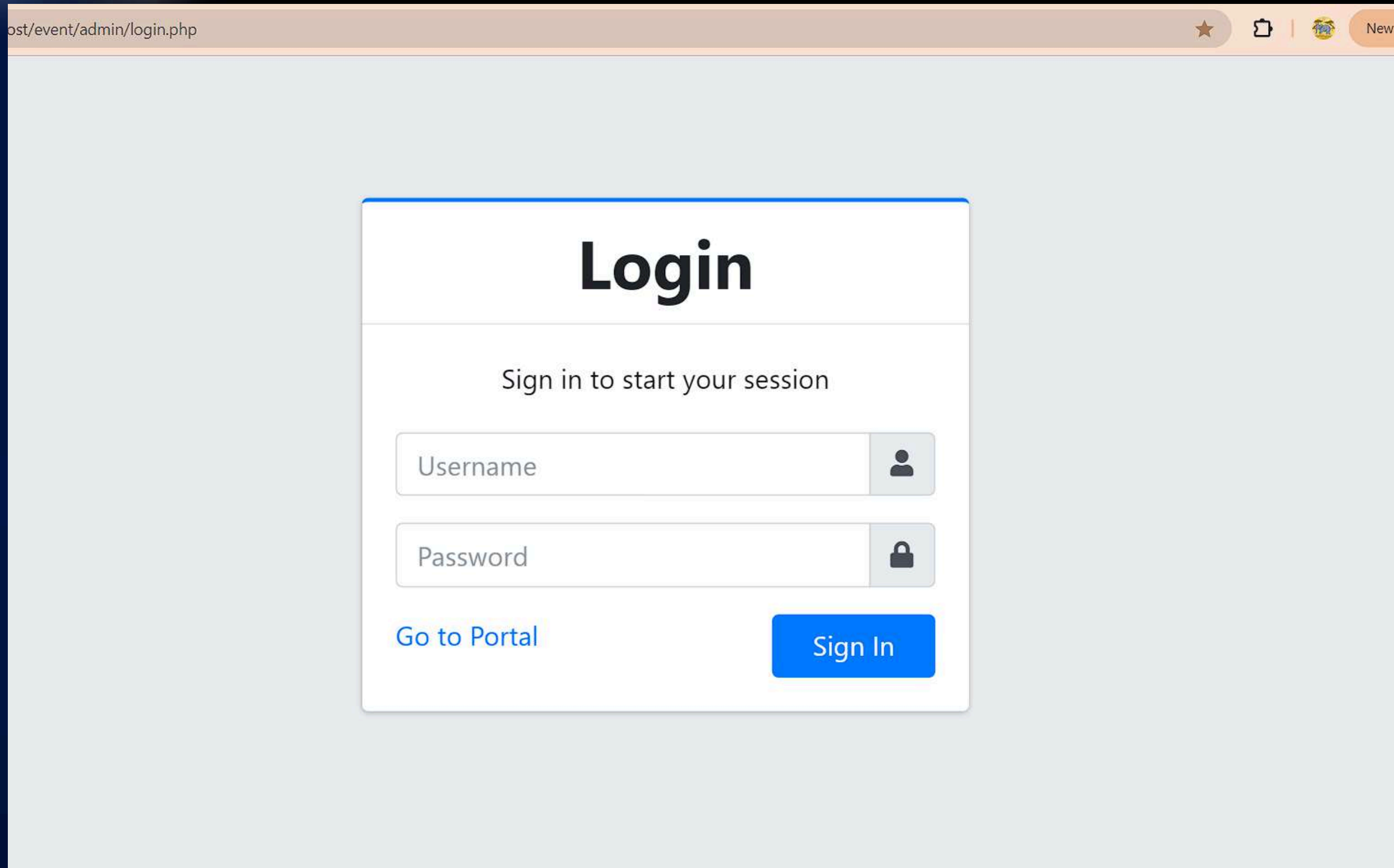


Event Registration System with QR Code - PHP

[Login as Admin](#)

The User Login Module provides a secure interface for users to access the event registration and sign-in system. The login page includes fields for the username and password, along with a "Login" button. Additionally, there is a "Login as Admin" option that redirects to the admin login page, allowing easy navigation between user and admin access points.

MODULE 02



The screenshot shows a web browser window with the address bar displaying "ost/event/admin/login.php". The page features a central white login box with a blue border. At the top of the box is the heading "Login" in bold black text. Below the heading is the instruction "Sign in to start your session". The form contains two input fields: "Username" and "Password", each with a corresponding icon (a person for username and a lock for password) on the right. At the bottom left of the box is a blue link "Go to Portal", and at the bottom right is a blue "Sign In" button.

ost/event/admin/login.php

Login

Sign in to start your session

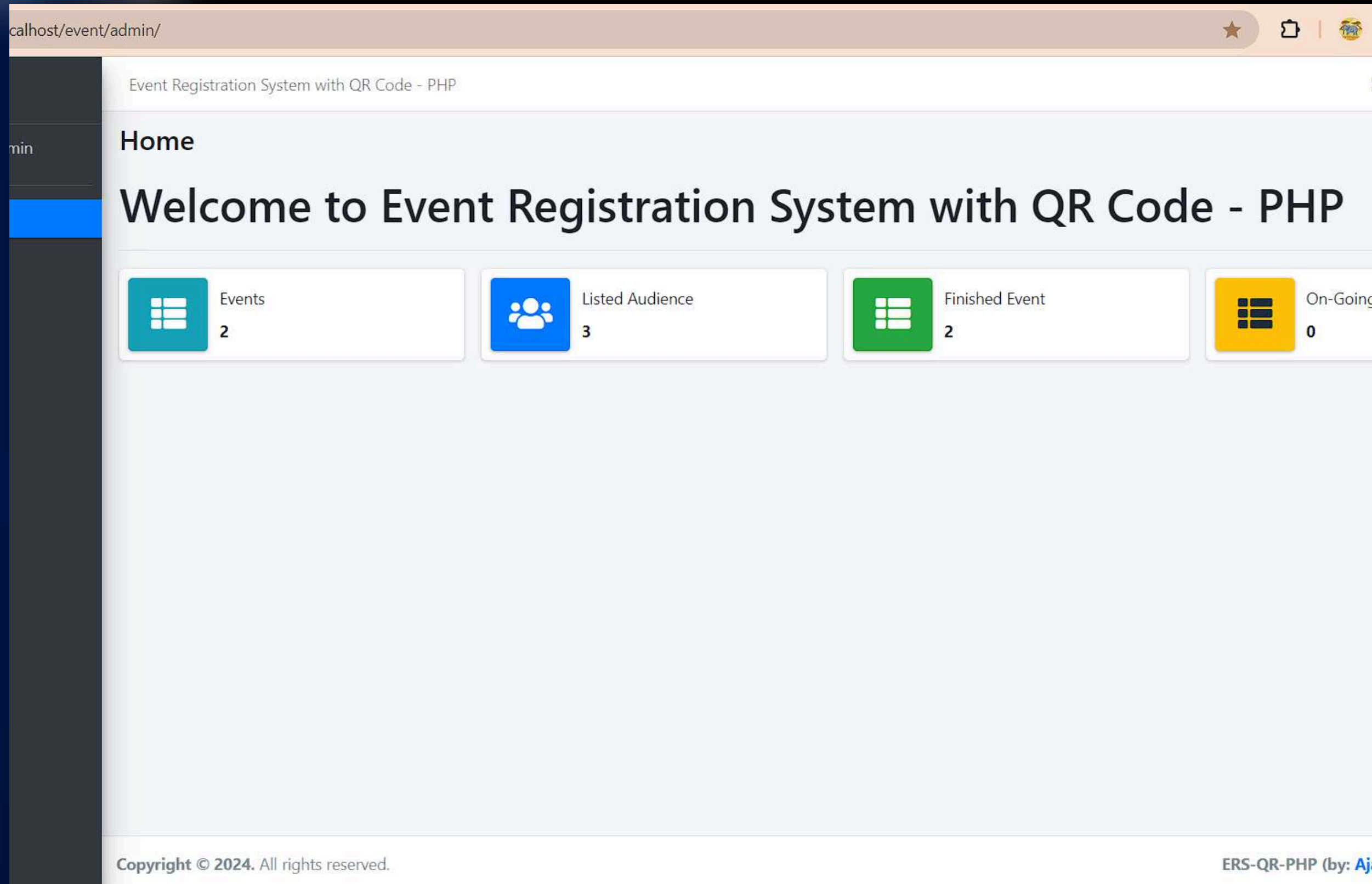
Username

Password

[Go to Portal](#) [Sign In](#)

The Admin Login Module provides a secure interface for administrators to access the event management system. The login page includes fields for the username and password, along with a "Sign In" button. Additionally, there is a "Go to Portal" option that redirects to the user login page, allowing easy navigation between admin and user access points.

MODULE 03



The Admin Dashboard offers a comprehensive overview for administrators, displaying details such as the list of all events, the audience registered for each event, counts of finished and ongoing events, and other essential metrics. This centralized view enables administrators to efficiently manage event logistics, monitor attendee engagement, and keep track of the event lifecycle, ensuring smooth and effective event coordination.

MODULE 04

localhost/event/admin/?page=event

ERS-QR-PHP

Administrator Admin

Dashboard

Event List

Audience List

User List

Support

Event Registration System with QR Code - PHP

Event

Show 10 entries

#	Title	Description	Details
1	Sales Report Meeting	Ajashia Technologies Annual Sales report meeting	DateTime Start: Jun 16 2024 11:04 PM DateTime End: Jun 18 2024 11:04 PM Assigned User: Ajay Kumar
2	Sample 101	Sample Event Only	DateTime Start: Jul 26 2021 01:00 PM DateTime End: Jul 26 2021 05:00 PM Assigned User: John Smith
3	Sample 102	Sample only	DateTime Start: Jul 26 2021 03:00 PM DateTime End: Jul 26 2021 05:30 PM Assigned User: John Smith

Showing 1 to 3 of 3 entries

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The Admin Dashboard provides administrators with a comprehensive overview of all events, including descriptions, detailed information, and specific dates and times. This feature allows admins to efficiently manage event schedules, ensure accurate event information, and oversee the overall event planning process, enhancing organizational efficiency and event coordination.

MODULE 05

ERS-QR-PHP

Administrator Admin

Dashboard

List

Event List

Audience List

User List

List

Report

localhost/event/admin/?page=reports

Event Registration System with QR Code - PHP

Reports

Event

Sales Report Meeting

Filter

Print

Report

Event Title

Sales Report Meeting

Event Start

Jun 16, 2024 11:04 PM

Event Venue

Tech park

Event End

Jun 18, 2024 11:04 PM

Event Description

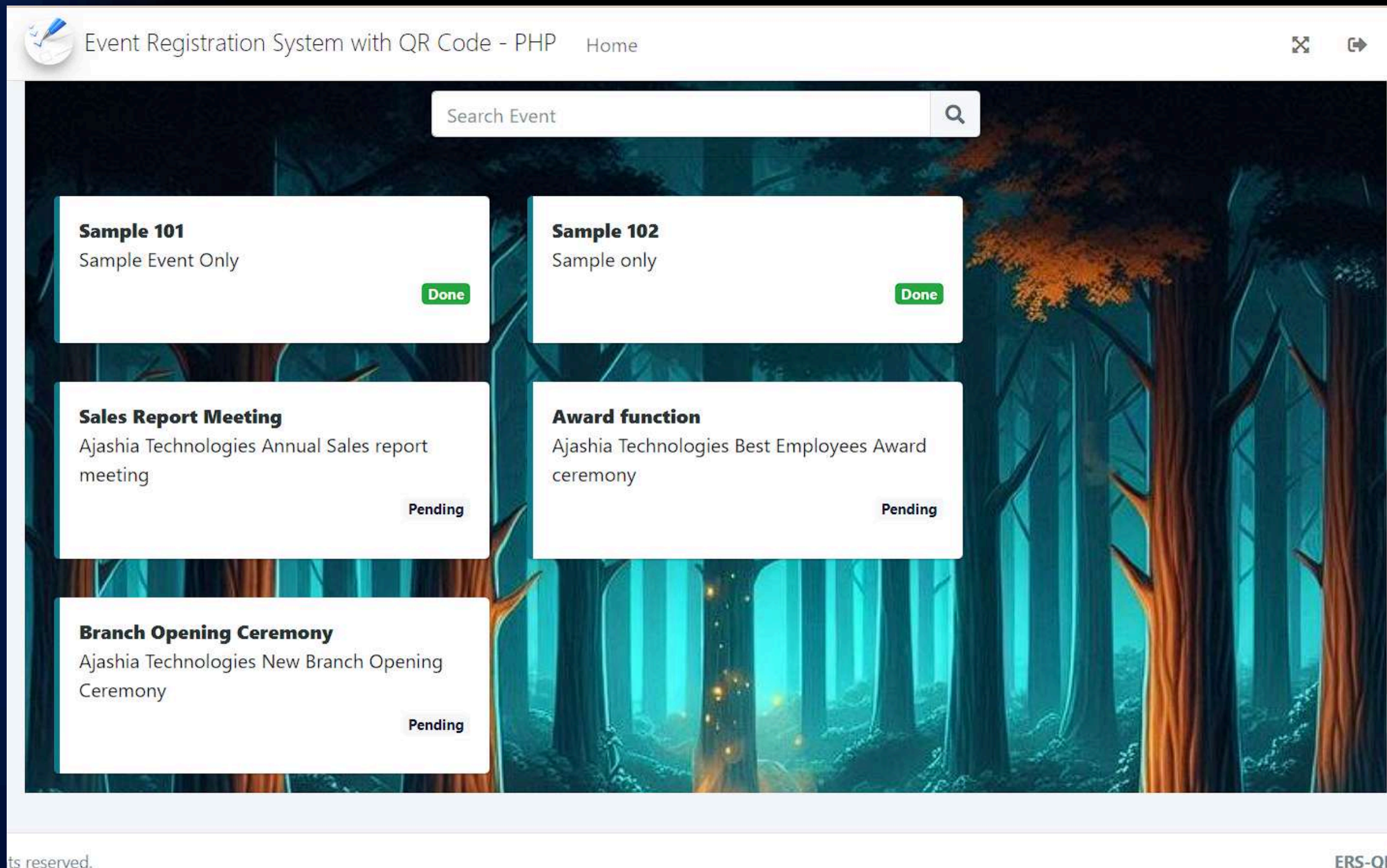
Ajashia Technologies Annual Sales report meeting

#	Date/Time	Name	Contact	Email
No Data.				

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The Admin Dashboard offers administrators comprehensive access to event reports, allowing them to view detailed summaries of each event. These reports include user lists, attendance records, event details, participant counts, and key dates. This feature enables administrators to monitor event performance, analyze attendee engagement, and make data-driven decisions for future event planning and management.

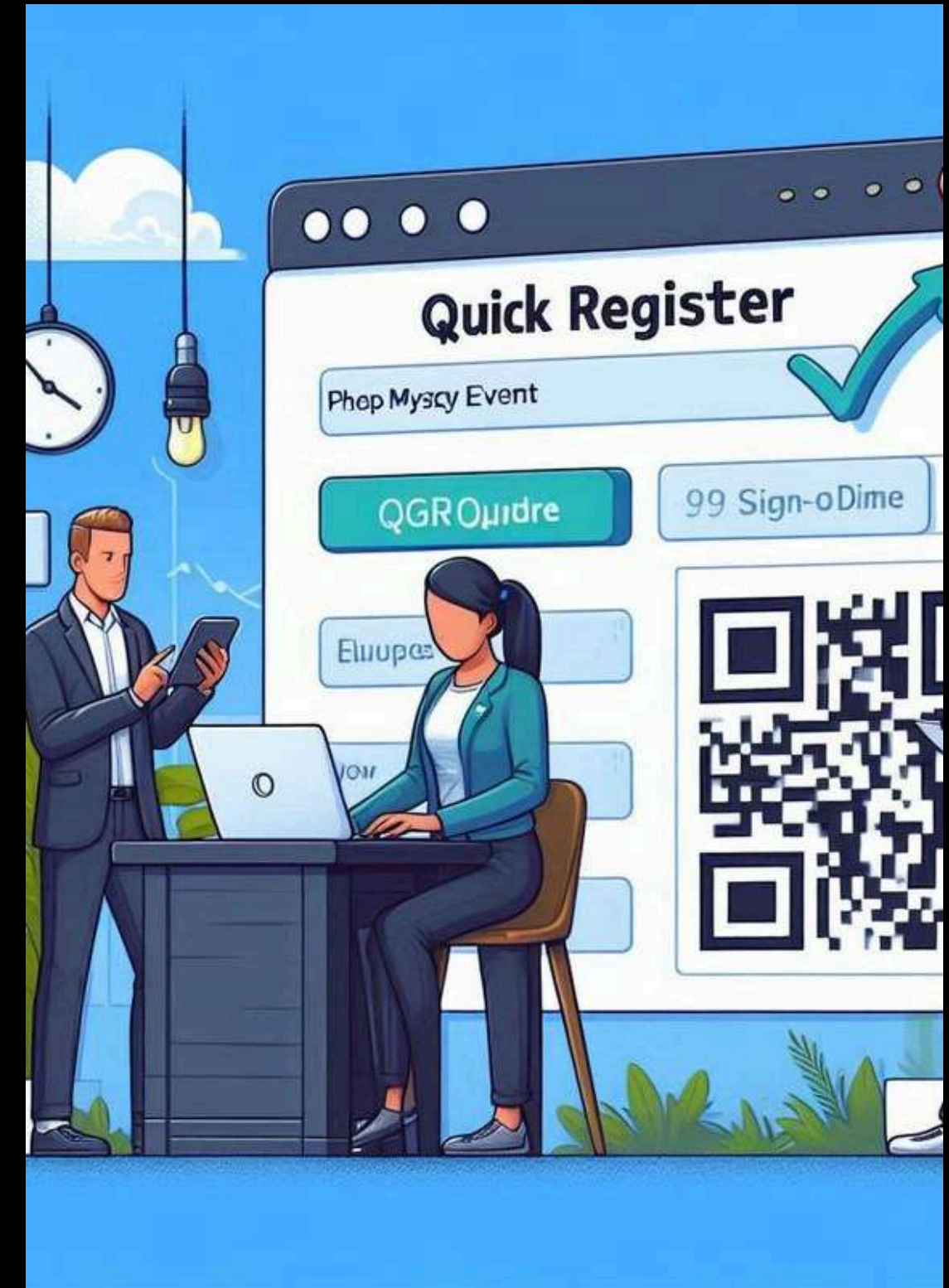
MODULE 06



The User Dashboard provides attendees with an organized list of all available events, along with detailed information about each event, including dates, times, locations, and descriptions. This allows users to easily browse upcoming events and make informed decisions about which events to register for and attend.

CONCLUSION

QuickRegister leverages PHP and MySQL to create an efficient, user-friendly event registration and sign-in system using QR codes. By automating these processes, it eliminates manual data entry errors and inefficiencies. Real-time data management empowers organizers with accurate attendance tracking and seamless event coordination. QuickRegister enhances attendee experiences with swift check-ins and simplifies administrative tasks for organizers, leading to more organized and successful events. This solution marks a significant advancement in modernizing event management through technology.



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[2] Hidayat, M.R., Gusman, D. and Adeswastoto, H., 2022. Portal E-Sertifikat dengan QR Code Menggunakan PHP dan MYSQL. Jurnal Pengabdian Masyarakat dan Riset Pendidikan, 1(1), pp.13-26. <https://doi.org/10.31004/jerkin.v1i1.1>

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QUERIES

User Registration:

```
INSERT INTO users (username, email, password) VALUES ('john_doe', 'john@example.com', 'securepassword');
```

Generate QR Code Data:

```
SELECT event_id, user_id FROM registrations WHERE user_id = 1;
```

User Login:

```
SELECT * FROM users WHERE username = 'john_doe' AND password = 'securepassword';
```

Admin Login:

```
SELECT * FROM admins WHERE username = 'admin' AND password = 'adminpassword';
```

Fetch Event List for Users:

```
SELECT event_id, event_name, event_description, event_date FROM events;
```


QUERIES

Fetch Event Details for Admin:

```
SELECT e.event_id, e.event_name, e.event_description, e.event_date, COUNT(r.user_id) as  
attendee_count  
FROM events e  
LEFT JOIN registrations r ON e.event_id = r.event_id  
GROUP BY e.event_id;
```

Count Finished and Ongoing Events:

```
SELECT  
    (SELECT COUNT(*) FROM events WHERE event_date < NOW()) AS finished_events,  
    (SELECT COUNT(*) FROM events WHERE event_date >= NOW()) AS ongoing_events;
```

THANK YOU!

TEAM

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S.DHANA PRAKASH

