

“PRISON MANAGEMENT SYSTEM”

A

Project Presentation

submitted

in partial fulfillment

for the award of the Degree of

Bachelor of Technology

in Department of Information Technology



Project Mentor:

Name: Mr.Naveen Jain

Designation: Associate Prof-I

Submitted By :

Adarsh Sikarwar,21ESKT005

Aditya Soni,21ESKT009

Avish Raghav,21ESKT026

**Department of Information Technology
Swami Keshvanand Institute of Technology, M & G, Jaipur
Rajasthan Technical University, Kota
Session 2024-2025**

Problem Statement:

- Traditional prison management relies heavily on manual and paper-based processes.
- Limited communication between prison staff, inmates, and external parties.
- Difficulty in monitoring inmate behavior.
- Lack of real-time access to data for decision-making and emergency response.
- Security risks due to lack of centralized and secure data management.
- Urgent need for a digital solution that enhances efficiency, security, and transparency.

Importance of Prison Management System

A well-structured Prison Management System (PMS) is essential for maintaining security, transparency, and efficiency within facilities. Traditional manual record-keeping methods are prone to errors, delays, and lack of accessibility, leading to operational inefficiencies and potential security breaches.

- By digitizing prison operations, it helps in:
 - Efficient Inmate Tracking.
 - Resource Management.
 - Improved Security.
 - Transparency & Accountability.

Objectives of a Prison Management System

- Maintain accurate prisoner records.
- Enhance security and surveillance.
- Improve resource allocation and staff management.
- Support rehabilitation and reintegration programs.

Key Components of a Prison Management System

1. Inmate Database
2. Security Monitoring
3. Visitor Management
4. Health and Welfare Tracking
5. Staff Management
6. Resource and Facility Management
7. Communication and Alerts

Staff and Resource Management

- ✓ Manages staff schedules, duties, and shifts.
- ✓ Monitors staff attendance and performance.
- ✓ Allocates food, clothing, hygiene supplies, and maintenance tools.

Benefits of a Digital PMS

- ❖ Efficiency: Reduces paperwork and manual labor.
- ❖ Accuracy: Minimizes human error in records.
- ❖ Security: Enhances control and reduces incidents.
- ❖ Transparency: Enables real-time data access for audits and reviews.

Challenges in Implementation

- High initial setup cost and training requirements.
- Resistance to change among staff.
- Cybersecurity threats and data breaches.
- Need for regular updates and maintenance.

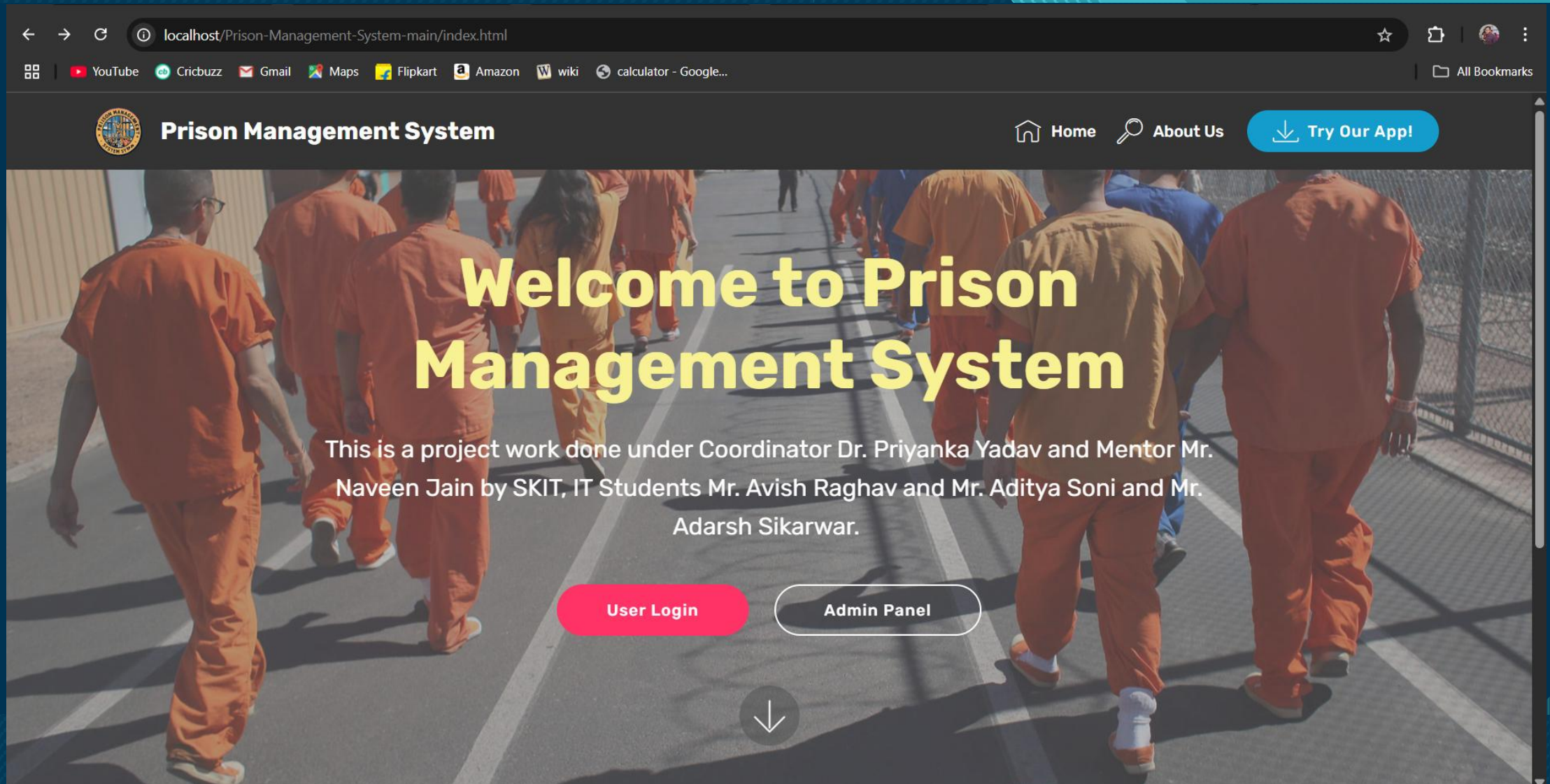
Conclusion

- ❖ A robust Prison Management System can revolutionize prison administration.
- ❖ It supports both punishment and rehabilitation objectives.
- ❖ Essential for ensuring safety, accountability, and modernization of correctional institutions.

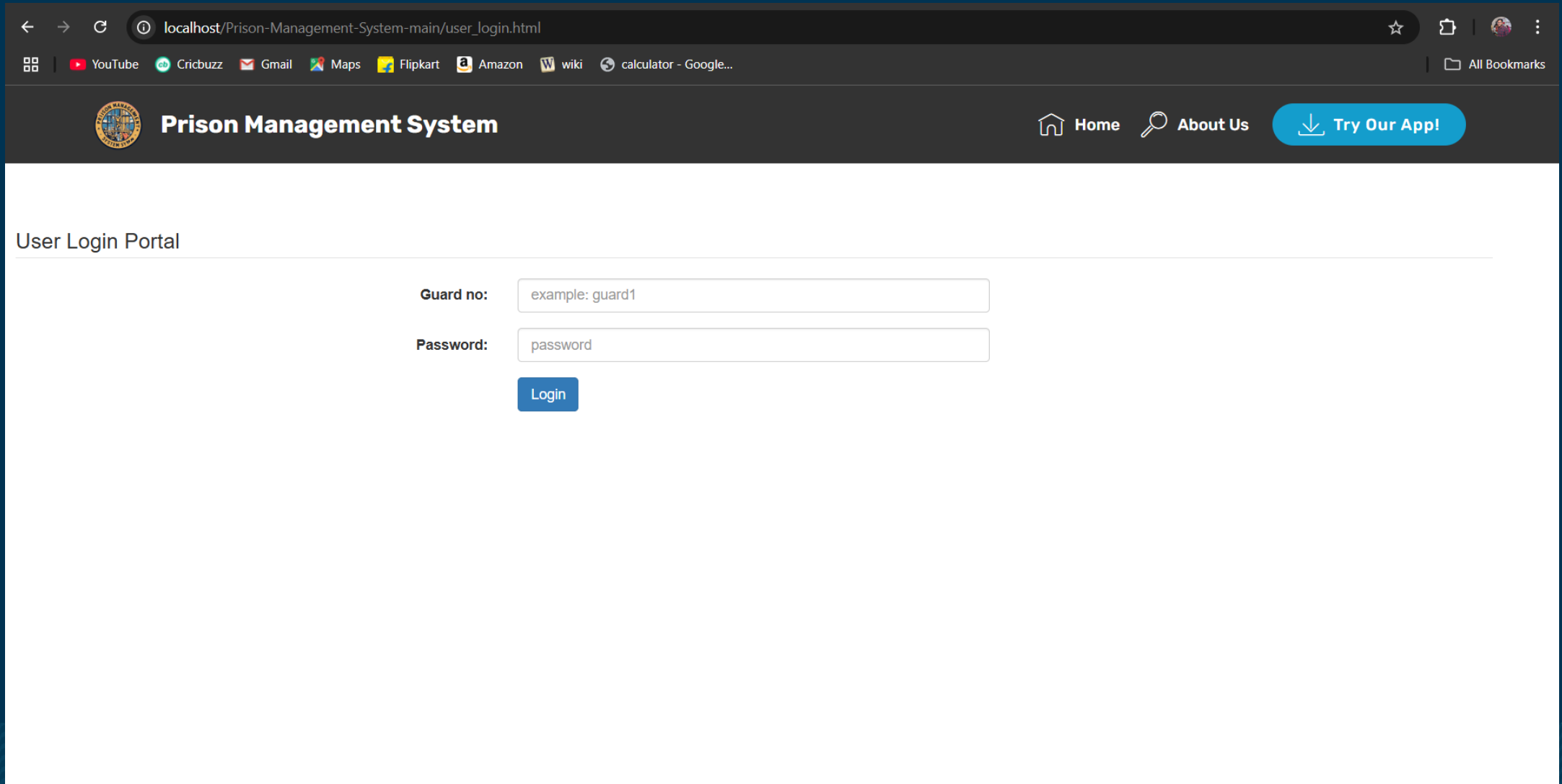
Screenshots

- Here are some screenshots of our project website.
 - Home Page
 - User login Portal
 - Admin login portal

Home page



1. User Login Portal




The screenshot displays a web browser window with the address bar showing `localhost/Prison-Management-System-main/user_login.html`. The browser's bookmark bar includes links to YouTube, Cricbuzz, Gmail, Maps, Flipkart, Amazon, wiki, and a Google calculator. The website's header features a logo on the left, the title "Prison Management System" in the center, and navigation links for "Home", "About Us", and a "Try Our App!" button on the right. The main content area is titled "User Login Portal" and contains a login form with two input fields: "Guard no:" with the placeholder text "example: guard1" and "Password:" with the placeholder text "password". A blue "Login" button is positioned below the password field.

localhost/Prison-Management-System-main/user_login.html

YouTube Cricbuzz Gmail Maps Flipkart Amazon wiki calculator - Google...

All Bookmarks

 **Prison Management System** [Home](#) [About Us](#) [Try Our App!](#)

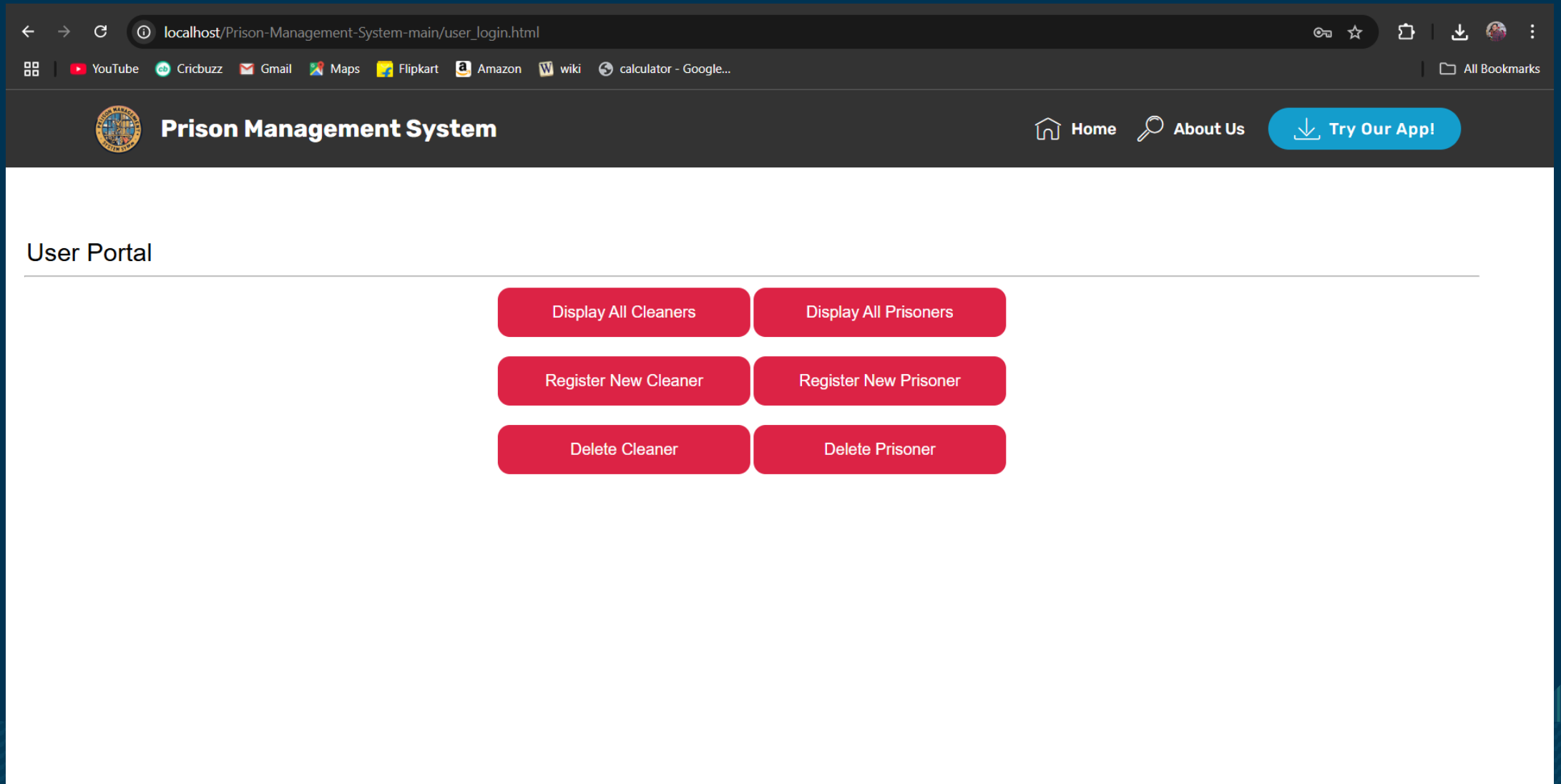
User Login Portal

Guard no:

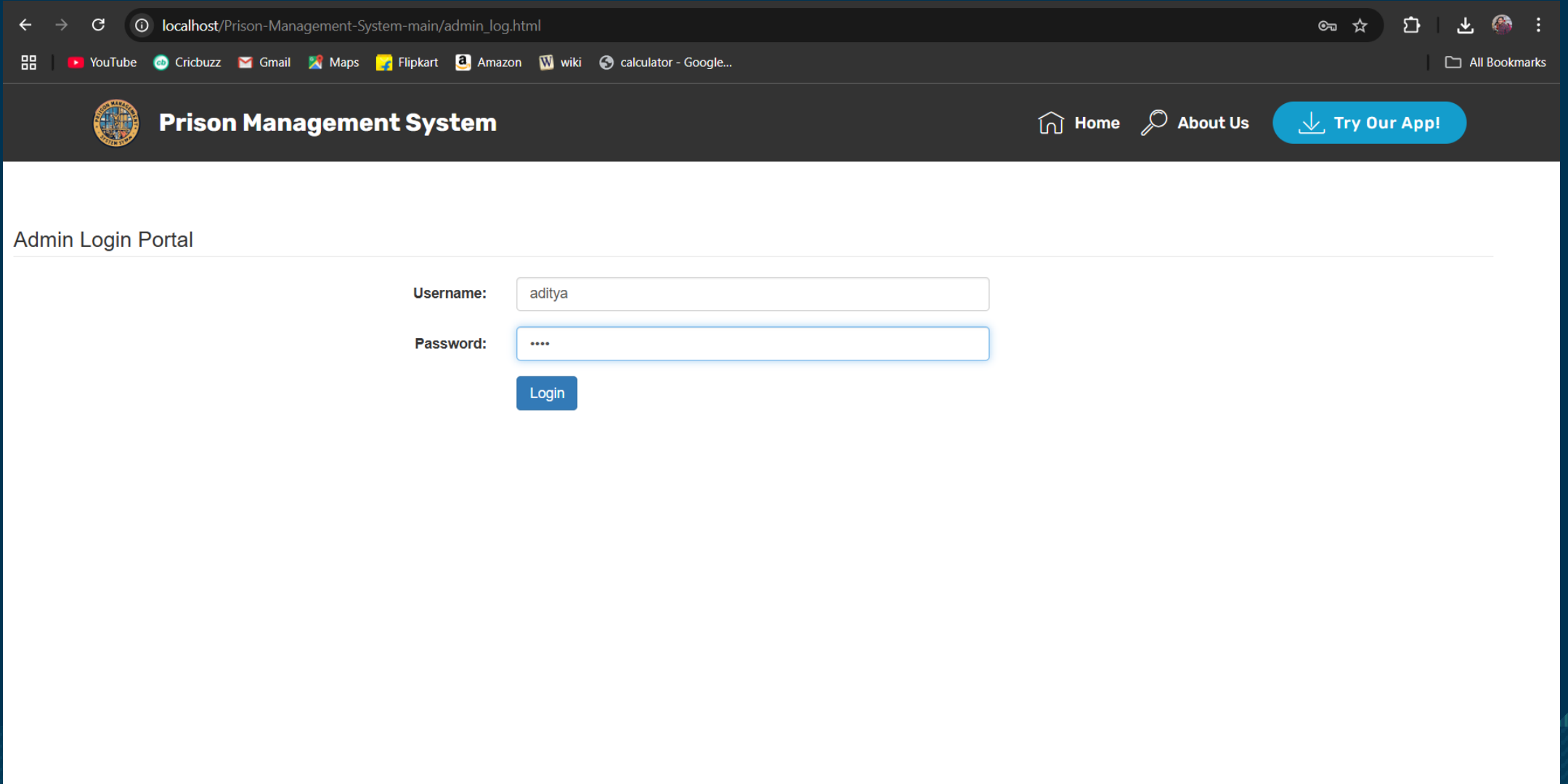
Password:

[Login](#)

User Portal from User login portal



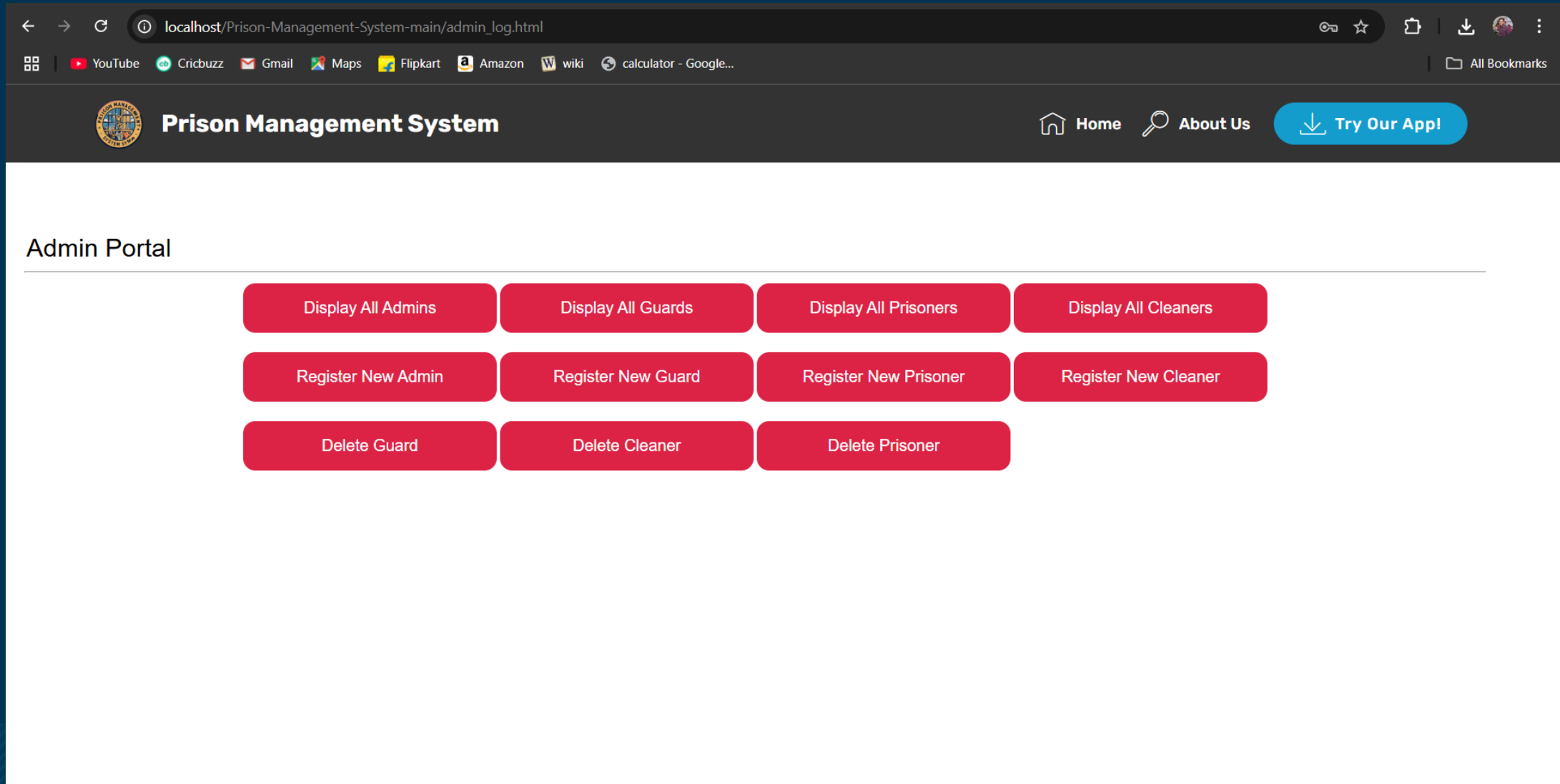
2. Admin login Portal



The screenshot shows a web browser window with the address bar displaying `localhost/Prison-Management-System-main/admin_log.html`. The browser's bookmark bar includes links to YouTube, Cricbuzz, Gmail, Maps, Flipkart, Amazon, wiki, and a Google calculator. The website's header features a logo on the left, the title "Prison Management System" in the center, and navigation links for "Home" and "About Us" on the right, along with a blue "Try Our App!" button. The main content area is titled "Admin Login Portal" and contains a login form with the following elements:

- Username:** A text input field containing the value "aditya".
- Password:** A password input field containing four asterisks "****".
- Login:** A blue button with the text "Login" positioned below the password field.

Admin Portal



References

1. Web Sources:-

- PHP Documentation – Official PHP documentation.
- MySQL Reference Manual – Database management guide
- W3Schools – Web development tutorials.

2. Project Development Tools:-

- XAMPP for local server setup.
- PHP & MySQL for backend development.
- HTML, CSS, JavaScript for frontend design.

Thank You!