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INDONESIA


# MUHAMMAD ILHAM

PORTOFOLIO

# ABOUT ME

I am a Bachelor of Information Technology graduate from Pasundan University, Bandung, with 12 years of experience in software development, both front-end and back-end.

I possess strong expertise in database management, server management, and containerization. Furthermore, I possess effective leadership skills in managing diverse teams, making me an ideal candidate for complex and dynamic technology projects.



# MY SKILLS

## SOFT SKILLS

- Problem Solving
- Communication
- Time Management
- Collaboration
- Adaptability
- Attention to Detail
- Critical Thinking
- Leadership

## HARD SKILLS

- WEB APPLICATION SECURITY (OWASP TOP 10, SQL INJECTION, XSS, CSRF)
- TEST AUTOMATION TOOLS (SELENIUM, KATALON, SONARQUBE, PHPUNIT)
- VULNERABLE TESTING (ACUNETIX, NETSPARKER, OWAPS ZAP)
- QUERY OPTIMIZATION
- DATA SECURITY & AUTHENTICATION (JWT, OAUTH, API KEY)
- BACKEND DEVELOPMENT
- FRONTEND DEVELOPMENT
- CONTAINER NETWORKING & VOLUME MANAGEMENT
- DBMS (MYSQL, POSTGRESQL)
- CONTAINERIZATION: (DOCKER, DOCKER COMPOSE)
- CI/CD INTEGRATION WITH DOCKER (GITLAB CI/CD)
- API TESTING (POSTMAN)

# MY SKILLS

## HARD SKILLS

- MICROSERVICES DEPLOYMENT WITH DOCKER
- SQL (STRUCTURED QUERY LANGUAGE)
- DATABASE CACHING (REDIS, MEMCACHED)
- ORM (OBJECT-RELATIONAL MAPPING)
- DATABASE DESIGN & NORMALIZATION
- DOCKERFILE & IMAGE MANAGEMENT
- PENETRATION TESTING (BURPSUITE)
- PERFORMANCE TESTING (JMETER)
- STORED PROCEDURES & TRIGGERS
- JS (JAVASCRIPT, NODEJS, NEXTJS)
- PHP (YII, LARAVEL, SLIM4)
- HTML & CSS
- PAAS (OPENSIFT)
- SASS (AWS, GCP)
- SEARCH ENGINE OPTIMIZATION
- GOOGLE SEARCH CONSOLE
- GOOGLE ANALYTICS
- WEB DEVELOPMENT
- PHP PROGRAMMING

# WORK EXPERIENCES

APR 2022-DEC 2024

RESEARCH AND PRODUCT DEVELOPMENT  
MANAGER

PT CYBERS BLITZ NUSANTARA

FEB 2016 -DEC 2024

FULLSTACK DEVELOPER

PT CYBERS BLITZ NUSANTARA

JAN 2020-APR2022

PROJECT OPERATIONAL MANAGER

PT CYBERS BLITZ NUSANTARA

JAN 2020 -DEC 2024

DEVOPS ENGINEER

PT CYBERS BLITZ NUSANTARA

# EDUCATIONS

Associate degree,  
Web Developer Professional

GPA : 3.37 / 4.00

TELKOM PDC, Bandung

2010 - 2012

Bachelor's Degree,  
Information Technology

GPA : 3.01 / 4.00

Pasundan University, Bandung

2012 - 2015

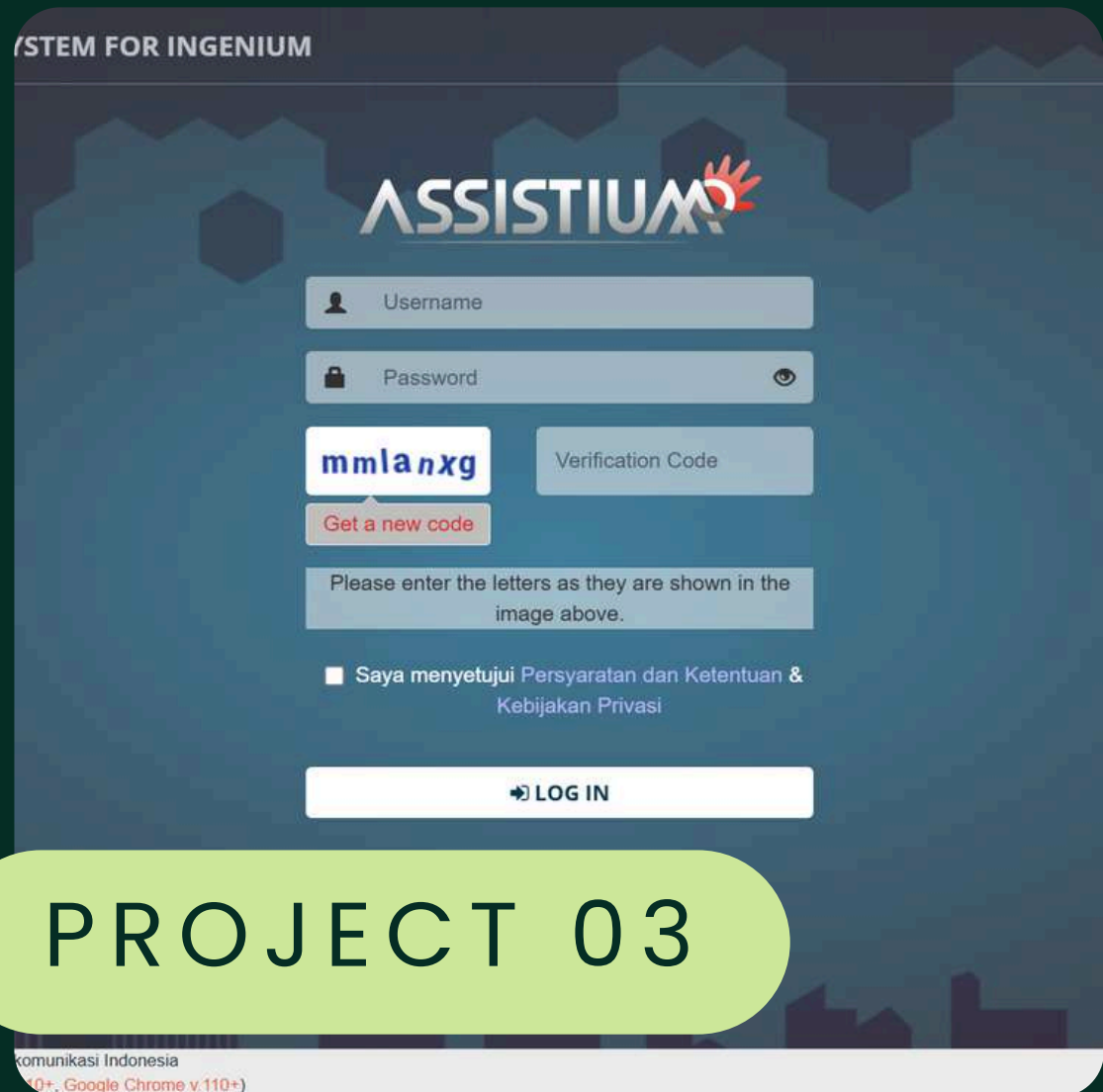
# MY PROJECTS



PROJECT 01



PROJECT 02



PROJECT 03

# MY PROJECTS



The screenshot shows the login page for Telkom Indonesia's Professional Qualification system. It features the Telkom Indonesia logo at the top, followed by a welcome message and a sign-in prompt. The form includes fields for username, password, and a verification code (862643). A 'Log In' button is at the bottom.

**PROJECT 04**



The screenshot shows the login page for SCHEDULIN, titled 'Jadwal Layanan ACI'. It includes a sign-in prompt and a form with fields for username and password. A 'Login' button is located at the bottom.

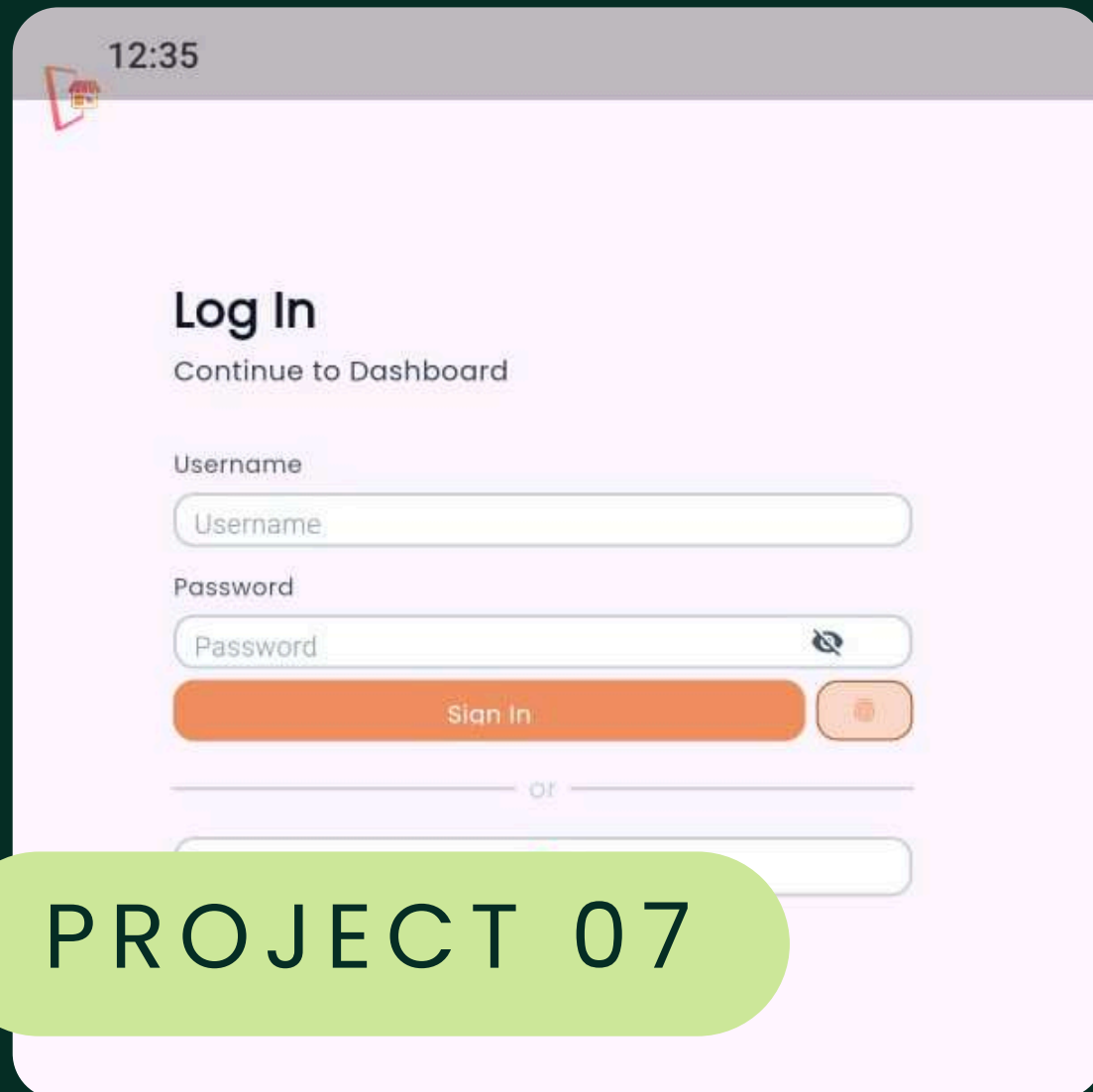
**PROJECT 05**



The screenshot shows the login page for T-COMPASS, titled 'Telkom Competency Assessment O-N-L-I-N-E'. It features a welcome message and a form with fields for username, password, and a verification code (818993). A 'Log In' button is at the bottom.

**PROJECT 06**

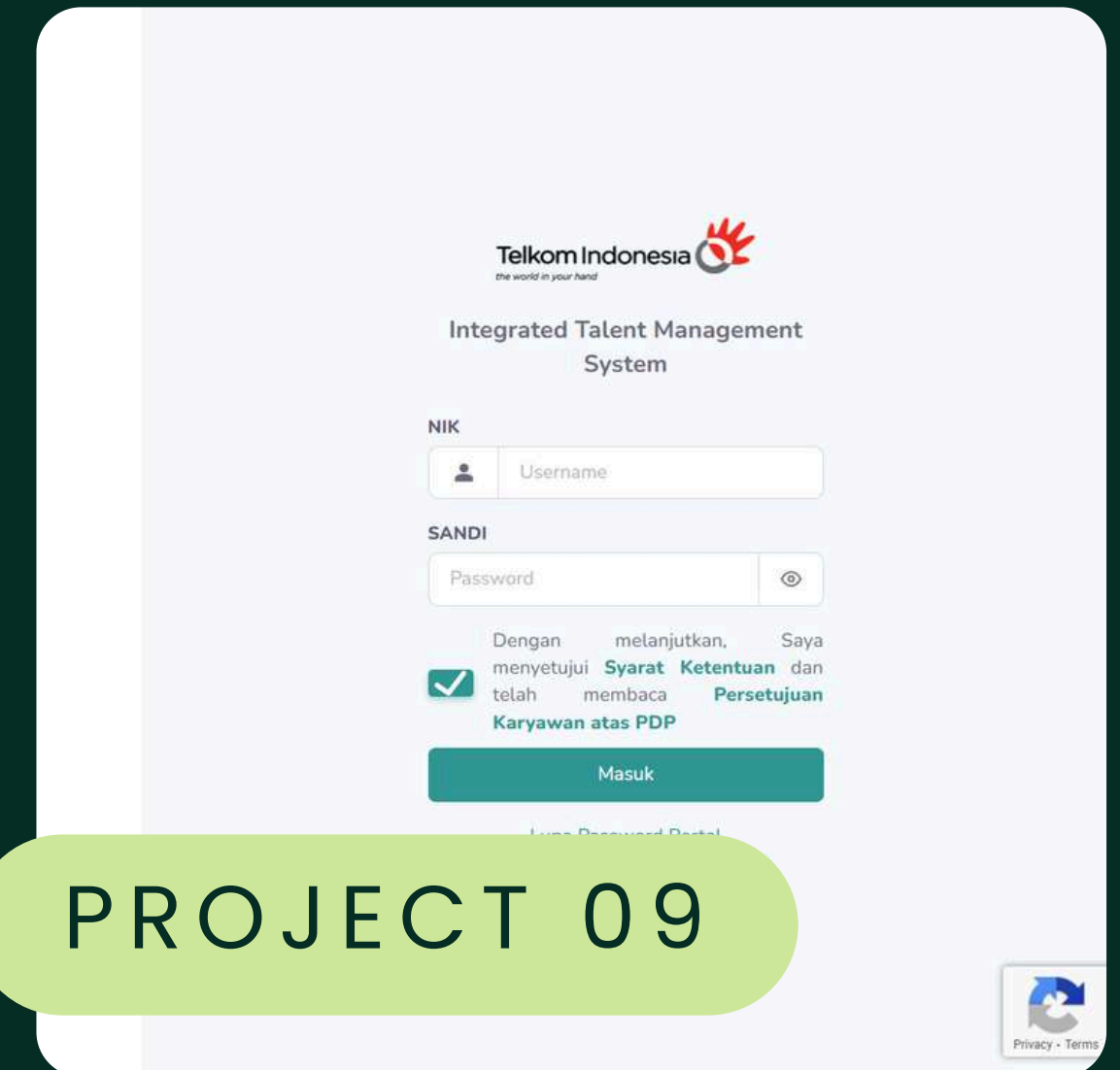
# MY PROJECTS



PROJECT 07



PROJECT 08



PROJECT 09

# PROJECT 01

PROJECT : KONI Website of Asahan Regency, North Sumatra

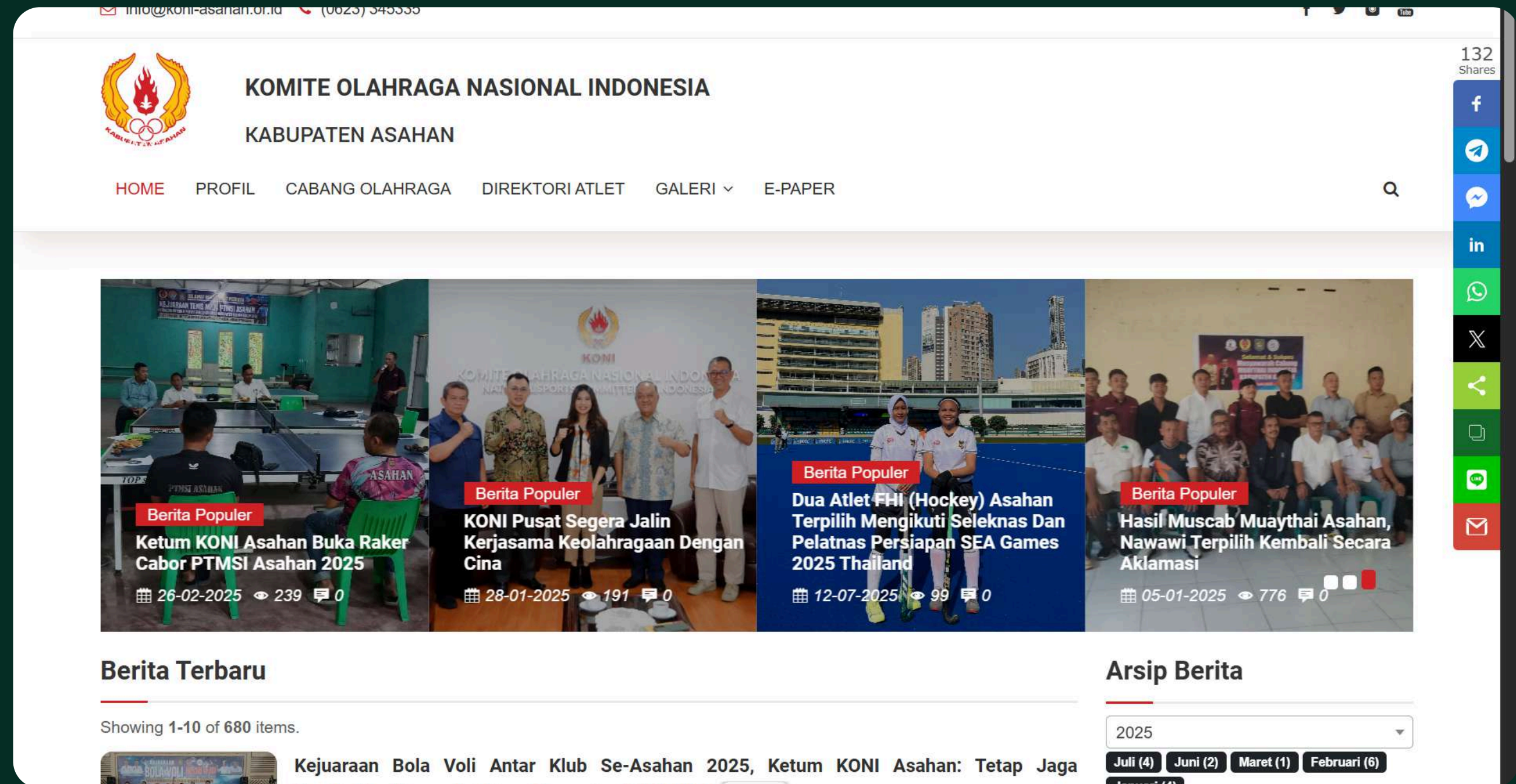
Displays all information related to athletes, KONI sports, etc.

### Tech Stack

Server : Apache 2  
PHP : 7.4  
Framework : Yii2 Framework  
Database : MySQL  
Version Control : Git  
Link : koni-asahan.or.id  
SEO : Google Search Console  
Services

### Data Analytics

- Google Analytics
- PIWIK



# PROJECT 02

PROJECT : Assistium  
(Assesment Tools For  
Ingenium)

Website to manage the  
recapitulation results of  
participant test assessments

**Tech Stack**

- Server : Apache 2
- PHP : 8.2
- Framework : Yii2 Framework
- Database : MySQL, Oracle,  
PostgreSQL
- Version Control : Git
- CI/CD : Gitlab
- Docker : Harbor
- Deployment : OKD4



Welcome to  
**Assistium**

Masuk

Username

Password

Remember me

**702995**

Verification Code

Saya menyetujui [Persyaratan dan  
Ketentuan & Kebijakan Privasi](#)

Sign In

# PROJECT 03

PROJECT : My Assistium  
(Assesment Tools For  
Ingenium)

Website for conducting  
participant assessment  
processes, viewing assessment  
history

## Tech Stack

Server : Apache 2

PHP : 8.2

Framework : Yii2 Framework

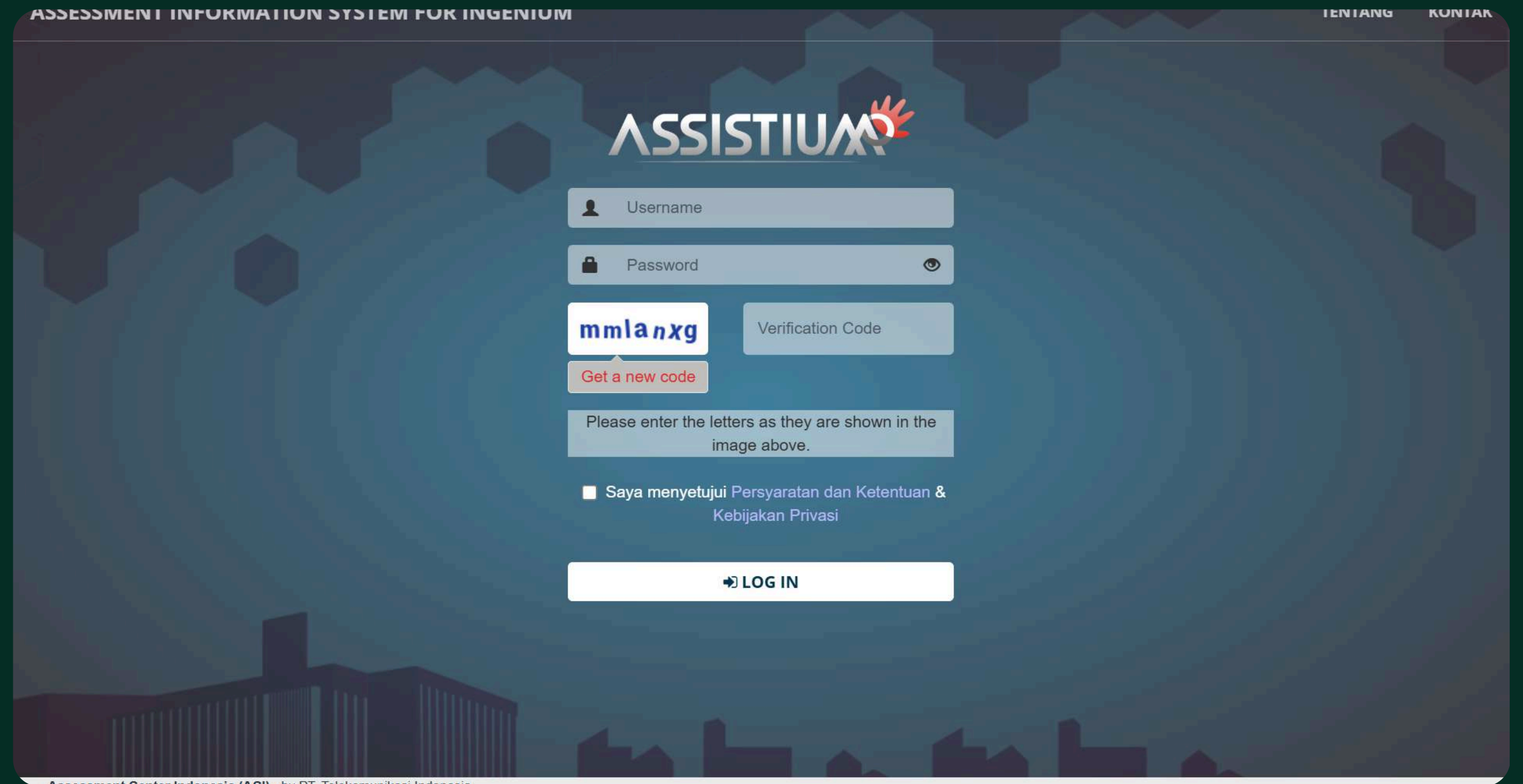
Database : MySQL, Oracle,  
PostgreSQL

Version Control : Git

CI/CD : Gitlab

Docker : Harbor

Deployment : OKD4



# PROJECT 04

PROJECT : Professional Qualification Development (PQD)

Website for assessing participants by filling out surveys

## Tech Stack

Server : Apache 2

PHP : 8.2

Framework : Laravel Framework

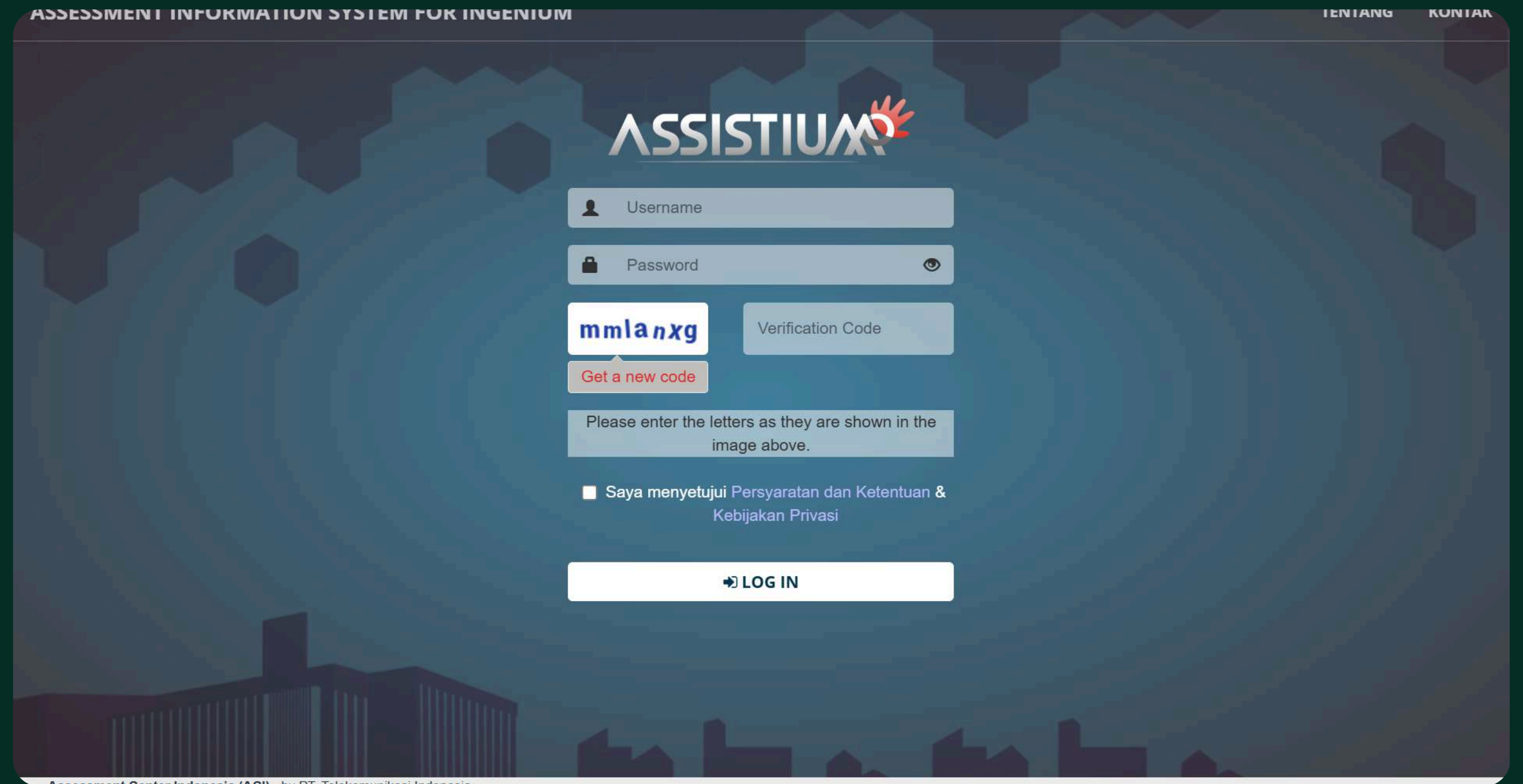
Database : MySQL

Version Control : Git

CI/CD : Gitlab

Docker : Harbor

Deployment : OKD4



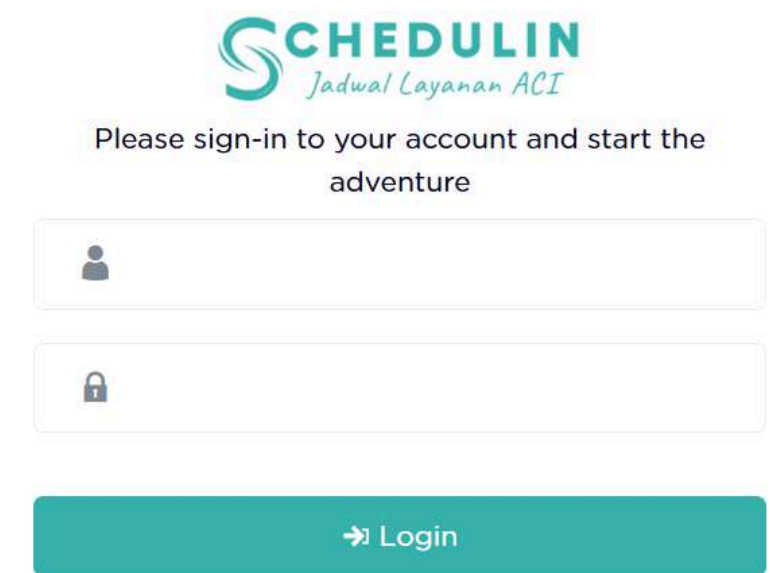
# PROJECT 05

PROJECT : Schedulin

Website to view participant, assessor, facilitator scheduling

**Tech Stack**

- Server : Apache 2
- PHP : 8.2
- Framework : Laravel Framework
- Database : MySQL, PostgreSQL
- Version Control : Git
- CI/CD : Gitlab
- Docker : Harbor
- Deployment : OKD4



# PROJECT 06

PROJECT : COMPASS  
(Competency Assesment)

Website to assess participant  
competency

## Tech Stack

Server : Apache 2

PHP : 8.1

Framework : Yii2 Framework

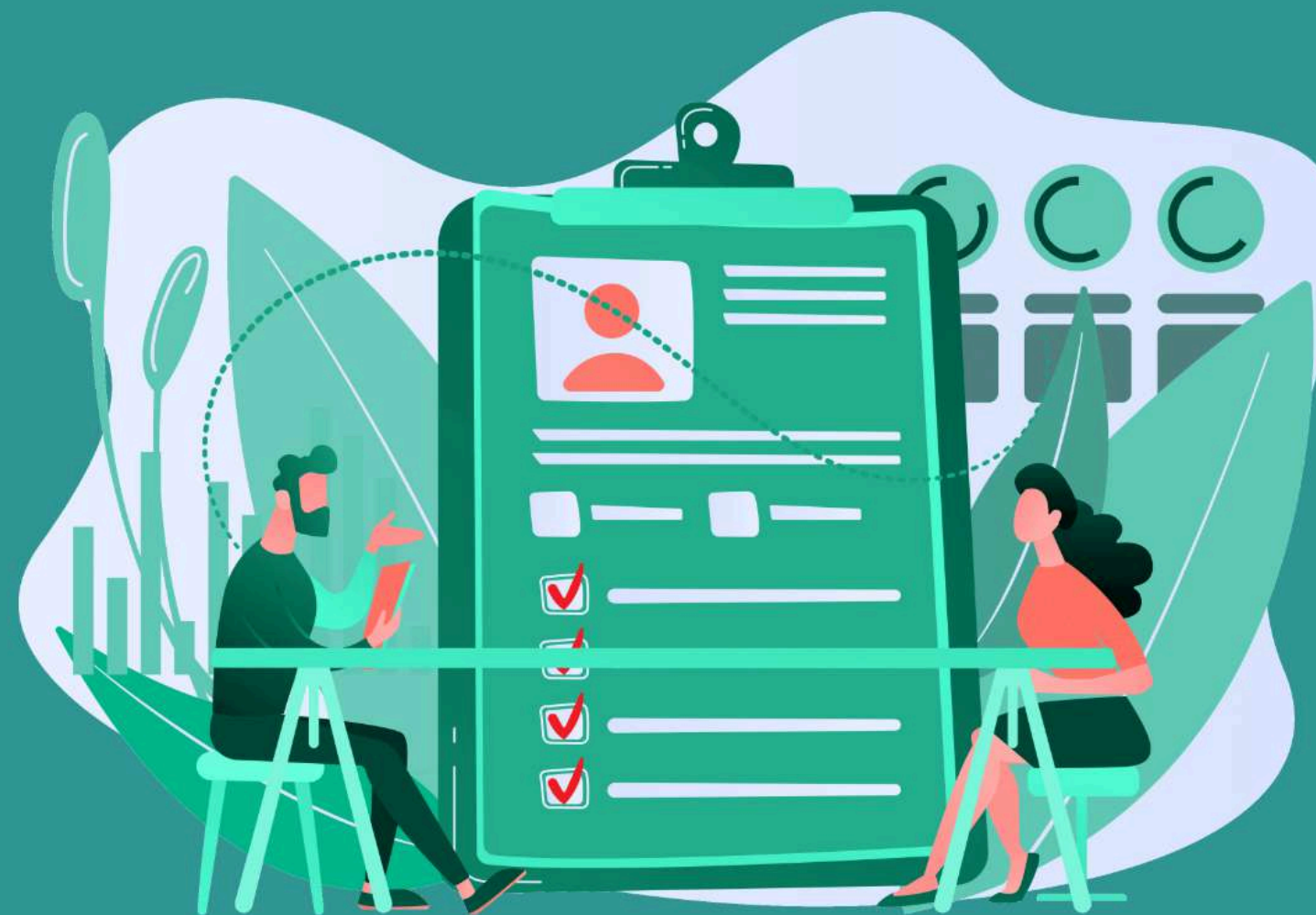
Database : MySQL, PostgreSQL

Version Control : Git

CI/CD : Gitlab

Docker : Harbor

Deployment : OKD4



WELCOME

Enter your username

Enter your password

878993

Verification Code

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Ketentuan & Kebijakan Privasi](#)

→ Log In

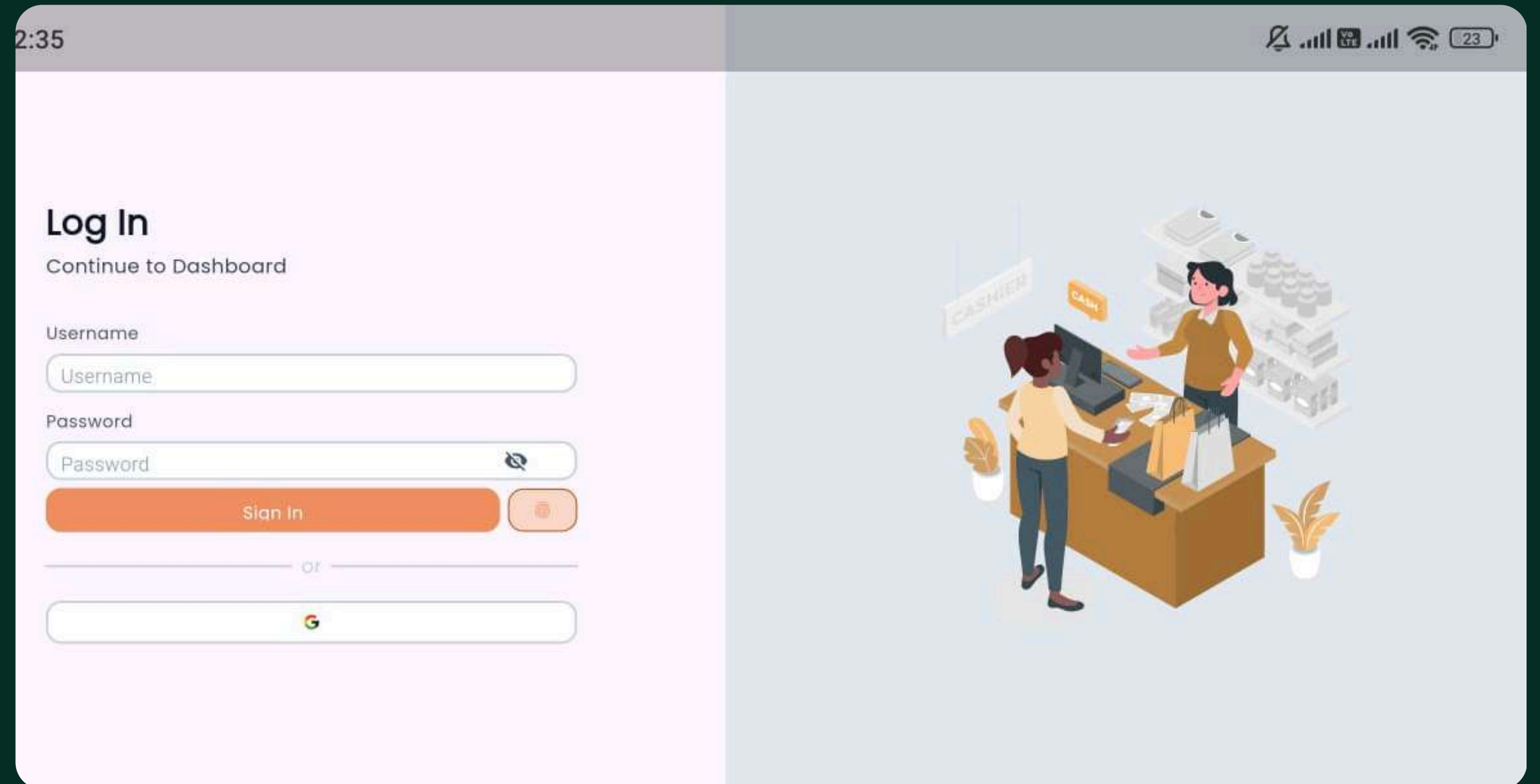
# PROJECT 07

PROJECT : POS (Point of Sale)

Software for retail store,  
restaurant, food truck, grocery  
store, beauty salon, bar, cafe

## Tech Stack

Server : Nginx  
Frontend : NextJs  
Backend : Django  
Mobile : Flutter  
Database : PostgreSQL  
Version Control : Git  
CI/CD : Gitlab  
Docker : Harbor  
Deployment : OKD4



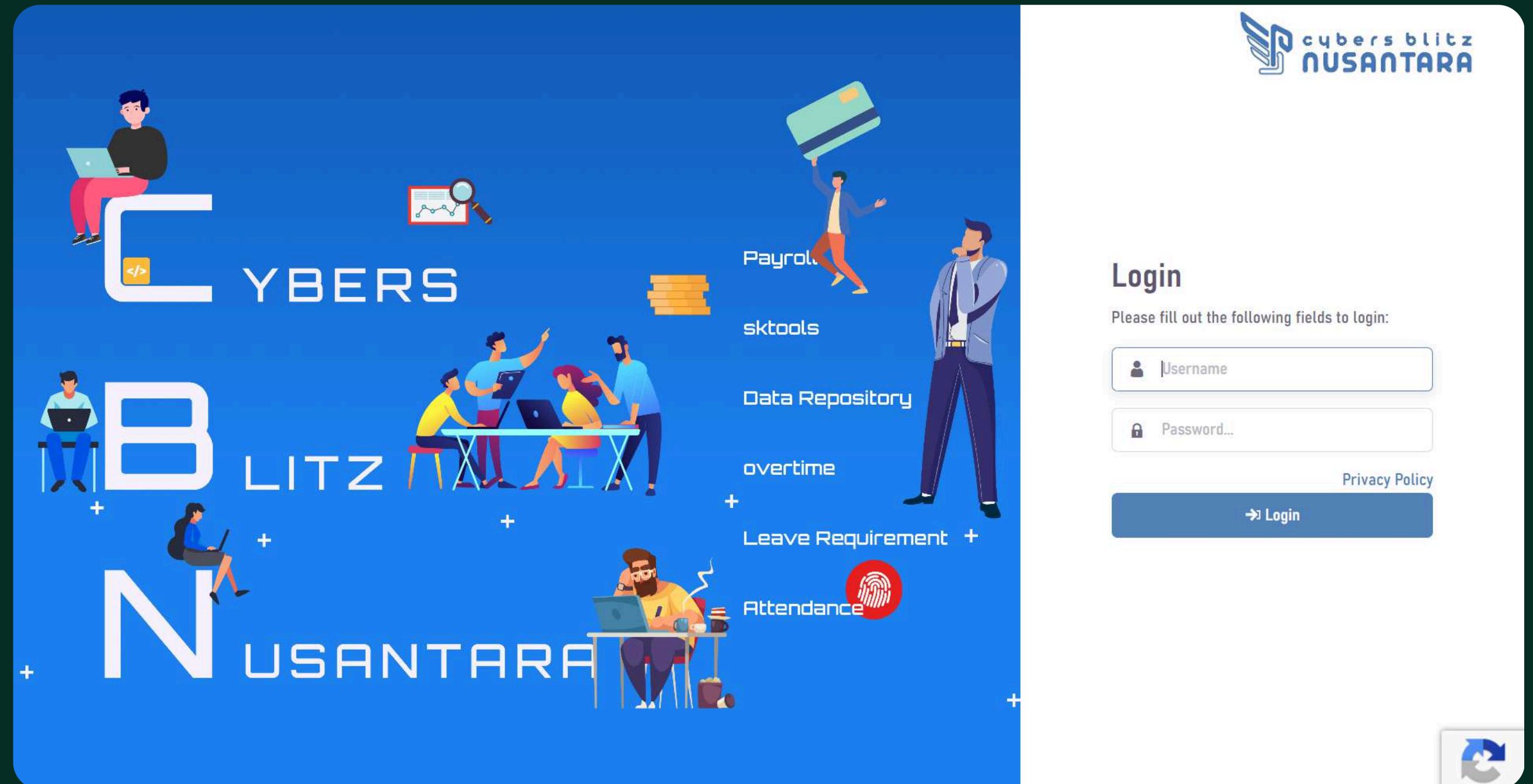
# PROJECT 08

## PROJECT : OFA (One For All)

Software for retail store, restaurant, food truck, grocery store, beauty salon, bar, cafe

### Tech Stack

Server : Apache 2  
Frontend : Yii2  
Backend : SLIM4  
Mobile : Flutter  
Database : PostgreSQL  
Version Control : Git  
CI/CD : Gitlab  
Docker : Dockerhub



## Login

Please fill out the following fields to login:

[Privacy Policy](#)



# PROJECT 09

## PROJECT : INGENIUM

Application for conducting promotion hearings, transfers, searching for employee data using elastic search, etc.

### Tech Stack

Server : Apache 2  
Frontend : ReactJS  
Backend 1 : SLIM4  
Backend 2 : SLIM4  
Backend 3 : Laravel  
Database : PostgreSQL  
Version Control : Git  
CI/CD : Gitlab  
Docker : Harbor



### Integrated Talent Management System

NIK

SANDI

Dengan melanjutkan, Saya menyetujui **Syarat Ketentuan** dan telah membaca **Persetujuan Karyawan atas PDP**

[Lupa Password Portal](#)  
[Butuh bantuan? Kontak Helpdesk](#)



THANK YOU

