


HR Management Dashboard

Employee Portal Management System

A Comprehensive Solution for Tunisie Télécom


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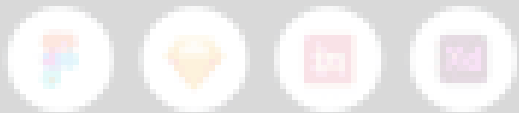
 ESPIN - Private International Polytechnic School of Sfax

 Tunisie Télécom

 Clean & Modern Design

 100% Editable Design

 Well Organized Layer



Introduction

⚠ Employee Management Challenges

- 🔊 Fragmented communication channels
- 🕒 Manual workflows & time-consuming processes
- 📉 Low employee engagement & productivity
- 📁 Disorganized document & resource management

💡 The Need for Centralization

- ✓ Unified platform for all employee interactions
- ✓ Streamlined information flow & accessibility
- ✓ Enhanced collaboration across departments

Common Workplace Challenges and Solutions



Project Objective

Purpose

- ✓ Centralized platform for employee management
- ✓ Streamlined communication & workflows
- ✓ Enhanced employee engagement & productivity

Problems Solved

- ✗ Fragmented communication channels
- ✗ Manual, time-consuming workflows
- ✗ Low employee engagement & accessibility

Target Users



Employees

Access resources,
communicate, manage tasks



Administrators

Manage users, content, system
settings



System Features



Employee Dashboard

- Company **announcements**
- Coupon** management
- Feedback system

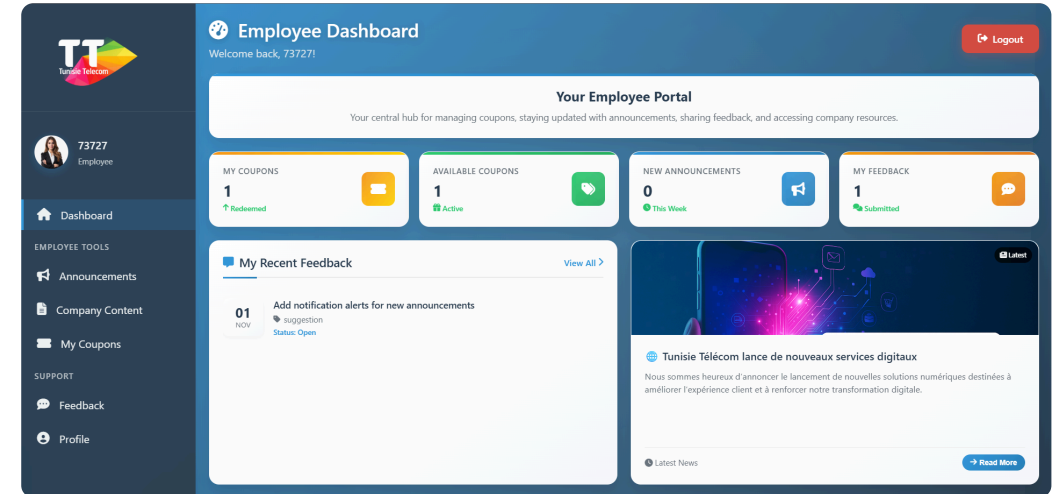


Admin Panel

- User** management
- Announcement publishing
- System monitoring



Employee Dashboard Interface



Security Features

- Secure login** system
- Role-based access control
- Data encryption & protection

System Architecture

System Structure



Frontend

HTML5, CSS3,
JavaScript



Backend

PHP, Apache
Server



Database

MySQL

Core Database Tables



employees



announcements



coupons



feedback



content



users

Technical Implementation



AJAX for dynamic interactivity



Real-time updates



Secure authentication with
password hashing



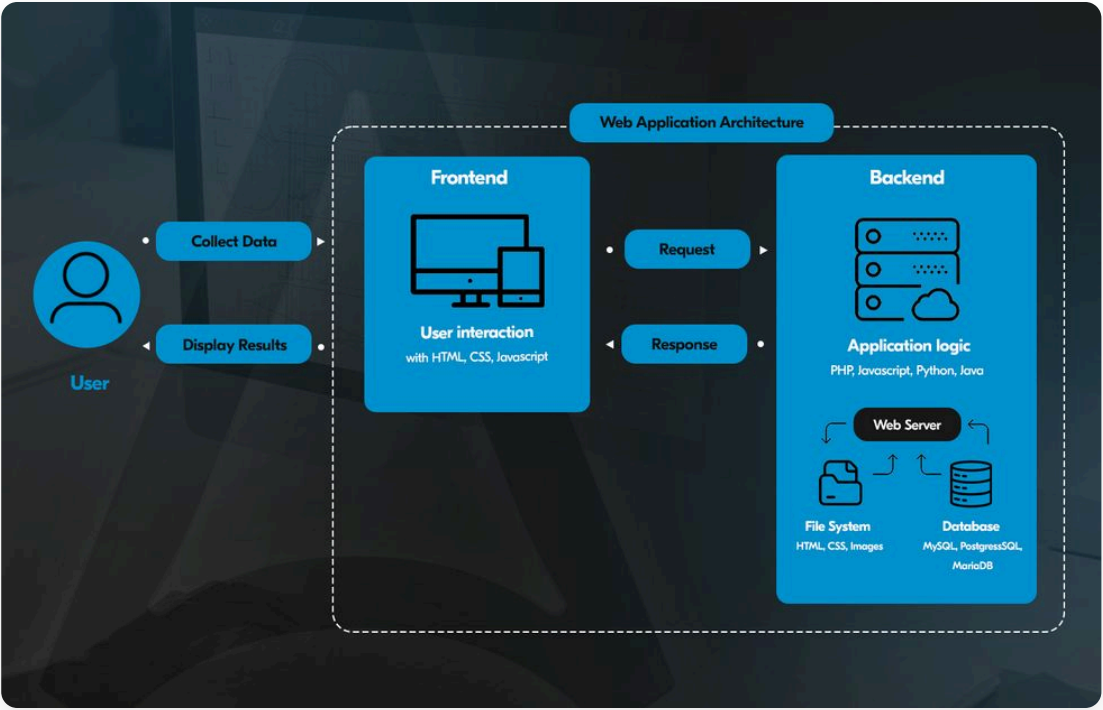
Role-based access control



SQL injection protection



Scalable modular design



Development Process

<> Technologies Used

A modern technology stack chosen for scalability and compatibility with Tunisie Télécom's existing infrastructure

HTML

HTML5

Structure

CSS

CSS3

Styling

JS

JavaScript

Interactivity

PHP

PHP

Backend Logic

MySQL

Database

Apache

Web Server

Design Tools

Professional tools utilized for UI/UX design, database management, and development workflow

Figma

phpMyAdmin

Postman

<>

VS Code

Git

XAMPP

Person Development Approach

Methodology designed to address specific challenges of employee management systems while ensuring scalability

- Modular design** for maintainability
- Responsive UI** for cross-device compatibility
- Iterative testing** throughout development cycle
- Agile methodology** for rapid iteration

Project Context & Implementation

Strategic implementation approach aligned with Tunisie Télécom's business objectives

Development Timeline

4-month iterative development cycle with bi-weekly sprints and stakeholder reviews

User-Centered Design

Regular feedback sessions with Tunisie Télécom employees to ensure system meets real needs

Business Alignment

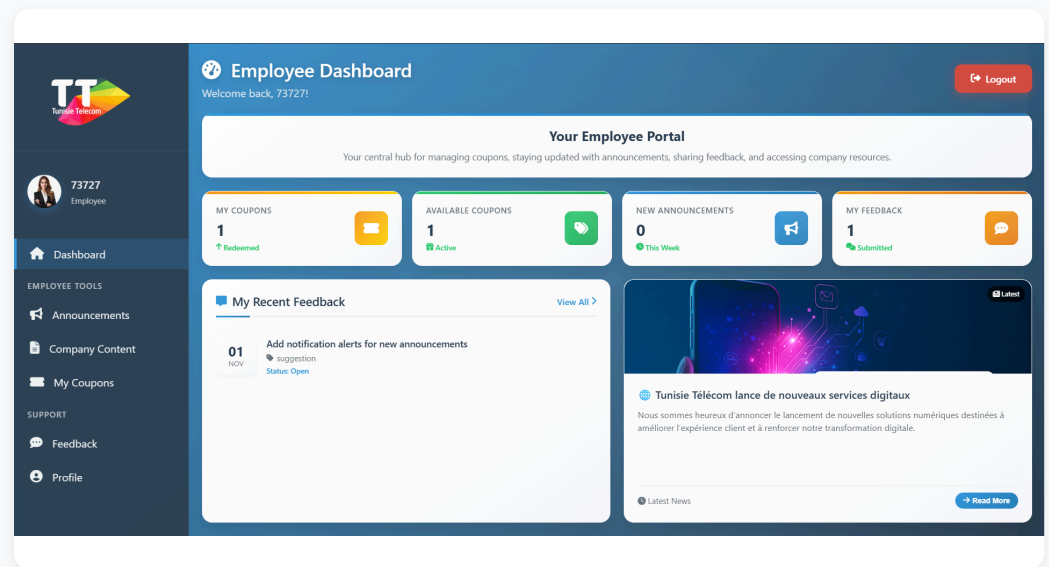
Direct integration with existing HR systems and workflows to minimize disruption

Scalability Focus

Architecture designed to accommodate Tunisie Télécom's 7M+ subscriber growth

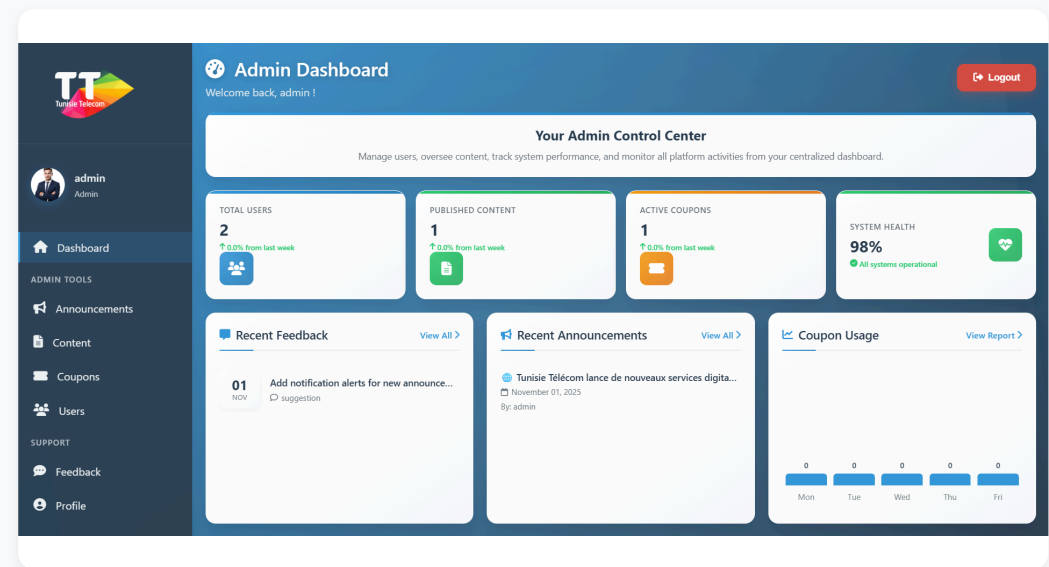
Results and Demonstration

Employee Dashboard



- 📢 **Announcements** with real-time updates
- 🎫 **Coupons** management system
- 💬 Integrated **feedback** system

Admin Panel



- 👤 **User management** with role-based access
- 📊 System **analytics** dashboard
- 🛡️ **System health** monitoring (98% uptime)

Testing & Performance Validation




📱 **Cross-device** compatibility

🚀 **Performance** optimization

🛡️ **Security** validation

Conclusion

System Benefits

-  Tunisie Télécom gains centralized platform
-  Scalable solution for **7M+ subscribers**
-  Model for similar **telecom organizations**
-  Reduced **administrative costs**

Key Improvements



Efficiency
Streamlined
workflows







Engagement
Enhanced
participation







**Information
Flow**
Real-time
updates

Future Enhancements

-  **Mobile app** integration
-  Advanced **analytics dashboard**
-  **Cloud hosting** for scalability
-  Third-party **API integrations**

Project Impact

-  Academic **excellence** at ESPIN
-  Practical **industry solution**
-  Demonstrates **technical competence**
-  Contributes to **digital transformation**



The Employee Portal Management System represents a significant step forward in modernizing internal communications and workflow processes at Tunisie Télécom.

References & Acknowledgments



Sources Used

- <> [PHP Documentation](#) - Official PHP Manual
- ☰ [MySQL Reference](#) - Database Design Guide
- 🛡️ [OWASP Security Guide](#) - Web Application Security
- 📖 [MDN Web Docs](#) - HTML5, CSS3, JavaScript
- ✨ [AJAX Tutorial](#) - Dynamic Web Applications
- 📦 [Bootstrap Framework](#) - Responsive Design



Acknowledgments



ESPIN

Academic guidance & resources



Tunisie Télécom

Project opportunity & support



Project Mentor

Technical guidance & feedback



Development Team

Collaboration & support



Thank you for listening and if there is any questions