

HR Monthly Reporting System

A web-based HR reporting system for generating, viewing, and exporting monthly, quarterly, and compliance reports. The system provides dashboards, analytics, and PDF export capabilities for HR teams to monitor workforce metrics, compliance, recruitment, and more.

Features

- User authentication and role-based access (HR/Admin)
- Generate and view HR reports (workforce, compliance, recruitment, etc.)
- Export reports as PDF
- Dashboard with charts and KPIs (employee count, turnover, compliance, etc.)
- Secure registration, login, and email verification
- Modern UI with Bootstrap

Project Structure

```
├── api/                # API endpoints for reports, metrics, etc.
│   ├── dashboard_stats.php
│   ├── hr_metrics.php
│   ├── report.php
│   └── reset-password.php
├── assets/            # Static assets
│   ├── css/
│   └── js/
├── classes/          # PHP classes (e.g., ReportGenerator)
├── includes/         # Config, DB, auth, header/footer
├── generate_report.php # Report generation form
├── view_report.php   # Report viewing page
├── export_report.php # PDF export handler
├── login.php         # Login page
├── signup.php        # Registration page
├── verification.php # Email verification
├── index.php         # Dashboard
└── hr_report.sql     # Database schema
```

Setup Guide

Prerequisites

- PHP 7.4 or higher
- MySQL/MariaDB
- Composer (for TCPDF updates, optional)
- Web server (e.g., Apache, XAMPP recommended for Windows)

Installation Steps

1. **Clone or Download the Repository** download and extract the ZIP.
2. **Database Setup**
 - Create a database named `hr_report` in MySQL.
 - Import the provided `hr_report.sql` file to set up tables and sample data.
3. **Configure Environment**
 - Edit `includes/config.php` if needed (DB credentials, site URL, etc.).
 - Ensure `includes/db_connect.php` uses the correct DB credentials.
4. **Set Up Web Server**
 - Place the project folder in your web server's root directory (e.g., `htdocs` for XAMPP).
 - Start Apache and MySQL from XAMPP control panel.
5. **Access the Application**
 - Open your browser and go to `http://localhost/Monthly-report`.
 - Register a new user or log in with existing credentials.
6. **(Optional) Update TCPDF**
 - The `reports/tcpdf/` folder contains the PDF library. Update via Composer if needed:

Usage Guide

- **Login/Register:** Access via the login or signup page. Email verification is required.
- **Default Admin Login:** Use `admin` as username and `admin123` as password to log in on the login page.
- **Dashboard:** View HR KPIs, charts, and recent activity.
- **Generate Report:** Use `generate_report.php` to select report fields.
- **View/Export Report:** View generated reports and export as PDF.
- **Admin/HR Only:** Some features are restricted to users with the HR or Admin role.

Security Notes

- CSRF protection is enabled for forms.
- Passwords are securely hashed.
- Brute-force protection and email verification are implemented.

Troubleshooting

- If you see database errors, check your DB credentials and that the database is imported.
 - For PDF export issues, ensure the `reports/tcpdf/` library is present and writable.
 - For email verification, configure your PHP mail settings or use a local mail server.
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