**SYSTEM FEATURES AND FUNCTIONALITIES**

* **System Features and Functionalities**
  + Employee Information Center
    - Employee Section
      * Registration new employee
      * Edit employee information
      * Remove employee information
      * List of employee information
    - Project Section
      * Create new project
      * Edit project information
      * Assign employees to project
      * Transfer employees to different projects
      * List of Projects
    - Attendance Section
      * Allow to upload DAT file (attendance) to database
      * Edit attendance information
      * List of attendance employee
      * Show list of OT project
  + Payroll Center
    - List all payroll
    - Create payroll period weekly, bi-weekly
    - Edit computation, deduction, contributions
  + Other Features
    - All transactions we be audited (Time, Username, What Transaction)
    - Search Employee/Project Information Filter
    - Printable Pages
    - Login to access system (using user created password)
    - Weekly reminders

**SYSTEM FEATURES AND FUNCTIONALITIES**

**In detail**

**Employee Information Center**

|  |  |
| --- | --- |
| Employee Section |  |
| Registration new employee |  |
| Edit employee information |  |
| Remove employee information |  |
| List of employee information |  |
| Project Section |  |
| Create new project |  |
| Edit project information |  |
| Assign employees to project |  |
| Transfer employees to different projects |  |
| List of Projects |  |
| Attendance Section |  |
| Allow to upload DAT file (attendance) to database |  |
| Edit attendance information |  |
| List of attendance employee |  |
| Show list of OT project |  |

**DATABASE SCHEMA**

**EMPLOYEE TABLE**

EMP\_ID (UNIQUE) (INT) (PK)

BIO\_ID (UNIQUE) (INT)

LASTNAME (NVARCHAR)

FIRSTNAME (NVARCHAR)

MIDDLENAME (NVARCHAR)

CITY ADDRESS (NVARCHAR)

PROVINCIAL ADDRESS (NVARCHAR)

BIRTHDATE (DATE)

CIVIL STATUS (NVARCHAR)

NUMBER OF DEPENDENCIES (INT)

CITIZENSHIP (NVARCHAR)

RELIGION (NVARCHAR)

GENDER (NVARCHAR)

SSS ID (INT)

TIN NO. (INT)

PHIL-HEALTH MP. (INT)

CURRENT POSITION (NVARCHAR)

PAYROLLTYPE (NVARCHAR)

DATE STARTED (DATE)

ACTIVE (BOOLEAN) (YES OR NO)

EMPTYPE (BOOLEAN) (REGULAR OR NOT REGULAR)

ISAGENCY (BOOLEAN) (YES OR NO)

**LOGIN TABLE**

EMP\_ID (FK TO EMPLOYEE TABLE)

USERNAME (NVARCHAR)

PASSWORD (NVARCHAR)

**PROJECT TABLE**

PROJECT\_ID (UNIQUE)

PROJECT NAME (NVARCHAR)

PROJECT ADDRESS (NVARCHAR)

PROJECT TIME-IN (datetime)

PROJECT TIME-OUT (datetime)

**PROJECT EMPLOYEE ID**

PROJECT\_ID (FK TO PROJECT TABLE)

BIO\_ID (FK EMPLOYEE TABLE)

**Technology Specifications**

**SERVER SIDE LANGUAGE:** PHP >= 7.0

FRAMEWORK:LARAVEL 5.5

**CLIENT SIDE LANGUAGE:** JAVASCRIPT

FRAMEWORKS:jQuery >= 3.2.1, Bootstrap 3.3.7

SITE MAP:

Login Page (index.php) ->

Home Page (home.php) ->

Navigation bar