



DEPARTMENT OF INFORMATION TECHNOLOGY

ESDC FINAL REPORT

EASY MANAGE SYSTEM

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1 Chapter 1: Topic Overview

1.1 Introduction

In any organization, human resource must be managed easily over system design. Software and Employee Data base are no exception to this. This system which will be implemented on Web platform is designed to manage employee in organization .

1.2 Purpose and Scope

The objectives of this project is:

- To cut down on paper-based record storage
- To create a web platform for the company
- To create a database to store employee information
- To create an interface for managers to track, search and edit list of employees
- To create an interface for the company's recruiters to easily track and approve candidates' profiles during the recruitment process.
- To create a connection between admins, managers, recruiters, employees and candidates.
- To provide a form to fill out information for candidates who want to apply to the company
- To make human resource management easier.

With the original idea of an internal website in a company and used only by managers. Now we have expanded the data range, allowing candidates to submit their profile through the system's application form

1.3 Motivation

Our country now has many professional companies. In every company, the need of human resource management is essential. In addition, businesses in all fields always want to select employees carefully. Therefore, this project of ours was created to store employee information easily and track the recruitment process conveniently.

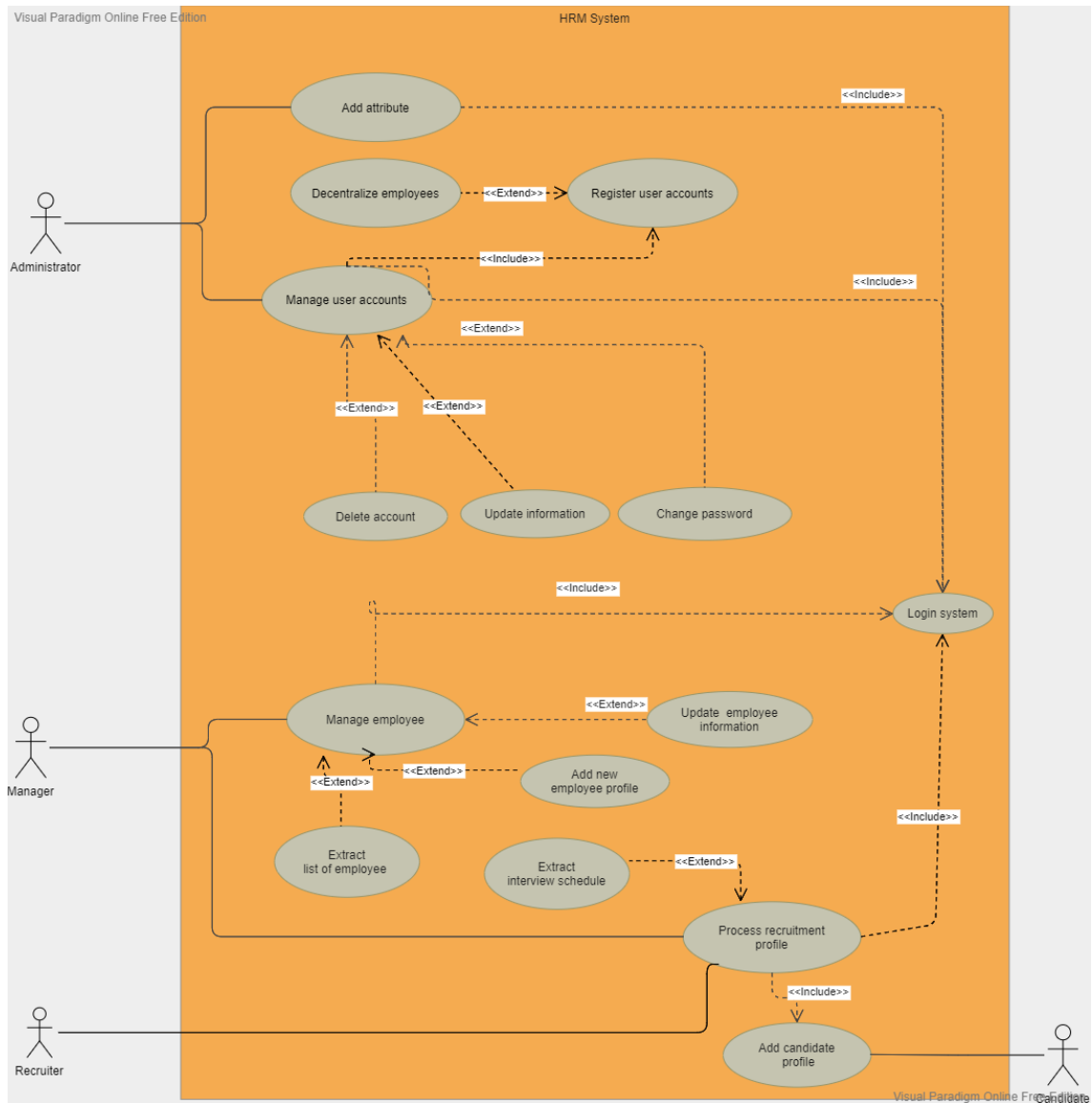
1.4 Report Structure

Chapter one has demonstrated an introduction to the project with its introduction, purpose and scope, motivation, report structure.

- Chapter two will have System Analysis and Design.
- Chapter three will have Implementation System.
- Chapter four will have Demo.
- Chapter five will have conclusion.

2 Chapter 2: System analysis and design

2.1 Use-case and Description



Use Case Name	Add attribute	
Scenario	On administrator interface	
Triggering event	Admin wants to add contents to database	
Brief description	Admin selects the list of content, clicks the 'add' button and fills out information, then save.	
Priority	Must have	
Actor(s)	Administrator	
Pre-Condition(s)	<ul style="list-style-type: none"> • Admin must login. • Admin account has been authorized 	
Post-Condition(s)	<ul style="list-style-type: none"> • The added data must be saved and displayed on the list immediately. 	
Flow of activities	Actor	System
	1. Admin selects the list of content. 2. Admin chooses the 'Add' button 3. Admin fill out the form, then click the 'Save' button.	1.1 Display the whole list of content. 2.1 Display the form of the corresponding content. 3.1 Verify the data. 3.2 Store the data in database 3.3 Update the data on the list
Exception Condition(s)	1.1 Fail to connect to database 3.1 The added data is duplicated and cannot be saved.	

Figure 1: Add Attribute Use Case Description

Use Case Name	Register user account	
Scenario	On administrator interface	
Triggering event	Admin wants to interact with user accounts	
Brief description	Admin selects 'Manage account', clicks the 'Register' button and fills out information, then save.	
Priority	Must have	
Actor(s)	Administrator	
Pre-Condition(s)	<ul style="list-style-type: none"> • Admin must login. • Admin account has been authorized • User must have staff ID. 	
Post-Condition(s)	<ul style="list-style-type: none"> • The added data must be saved and displayed on the list immediately. • User is provided with an account and password. 	
Flow of activities	Actor	System
	1. Admin selects 'Manage accounts'. 2. Admin chooses the 'Register' button. 3. Admin fill out the form, decentralizes the user, then click the 'Save' button.	1.1 Display the whole list of available accounts. 2.1 Display the account registration form. 3.1 Verify the data. 3.2 Store the data in database 3.3 Update the data on the list
Exception Condition(s)	1.1 Fail to connect to database 3 The user doesn't have staff ID. 3.1 The added data is duplicated and cannot be saved.	

Figure 2: Register Account Use Case Description

Use Case Name	Delete, update and change password	
Scenario	On administrator interface	
Triggering event	Admin wants to interact with user accounts.	
Brief description	Admin does the account management, including deleting, updating and changing password.	
Priority	Must have	
Actor(s)	Administrator	
Pre-Condition(s)	<ul style="list-style-type: none"> • Admin must login. • Admin account has been authorized • User account has been created 	
Post-Condition(s)	<ul style="list-style-type: none"> • The action must be saved and updated on the list immediately. 	
Flow of activities	Actor	System
	1. Admin selects 'Manage accounts'	1.1 Display the whole list of available accounts.
	2. If admin clicks the 'Delete' button	2.1 Eliminate the account data from the database.
	3. If admin clicks the 'Update' or 'Change password' button	3.1 Display update/change password form
	4. Admin fill out new information, then click 'Save'	4.1 Verify the data 4.2 Save new data in database 4.3 Update list of account
Exception Condition(s)	1.1 Fail to connect to database 4.1 New data is duplicate and cannot be saved.	

Figure 3: Manage Account Use Case Description

Use Case Name	Submit application	
Scenario	On candidate's application interface	
Triggering event	Candidate wishes to apply to the company	
Brief description	Candidate fills out the application form, then submit.	
Priority	Must have	
Actor(s)	Candidate	
Pre-Condition(s)	<ul style="list-style-type: none"> • Database must be connected. 	
Post-Condition(s)	<ul style="list-style-type: none"> • The data is stored in the database • Candidate's profile must exist in recruitment list of recruiter. 	
Flow of activities	Actor	System
	1. Candidate opens application form.	1.1 Display the application form.
	2. Candidate fills out information, then submit	2.1 Verify the data. 2.2 Store the data in database 3.3 Update the data in the recruitment list.
Exception Condition(s)	1.1 Fail to connect to database 2.1 The added data is duplicated and cannot be saved.	

Figure 4: Candidate add New Profile Use Case Description

Use Case Name	Extract list of employees	
Scenario	On manager interface	
Triggering event	Manager wants to export list of employee into excel format.	
Brief description	Manager view recruitment list, click 'Export' button and download file.	
Priority	Must have	
Actor(s)	Manager	
Pre-Condition(s)	<ul style="list-style-type: none"> • Manager must logins. • Manager account has been authorized • Database must be connected. 	
Post-Condition(s)	<ul style="list-style-type: none"> • List of employees must be export into excel format • Manager can download this file. 	
Flow of activities	Actor	System
	Manager click the 'Export' button.	Extract list of employees into excel format file (.xls)
Exception Condition(s)		

Figure 5: Export list of employee Use Case Description

Use Case Name	Extract interview schedule	
Scenario	On recruiter interface	
Triggering event	Recruiter wants to export list of candidates who are invited to the interview into excel format.	
Brief description	Recruiter view candidates list, click 'Export' button and download file.	
Priority	Must have	
Actor(s)	Manager	
Pre-Condition(s)	<ul style="list-style-type: none"> • Recruiter must logins. • Recruiter account has been authorized • Database must be connected. 	
Post-Condition(s)	<ul style="list-style-type: none"> • List of candidate must be export into excel format • Recruiter can downloads this file. 	
Flow of activities	Actor	System
	Recruiter click the 'Export' button.	Extract list of candidates who are invited to the interview into excel format file (.xls)
Exception Condition(s)		

Figure 6: Export Interview Schedule Use Case Description

Use Case Name	Recruitment Process	
Scenario	On recruiter interface	
Triggering event	When a candidate submit an application	
Brief description	Recruiter tracks the entire candidate's recruitment process	
Priority	Must have	
Actor(s)	Recruiter, Candidate	
Pre-Condition(s)	<ul style="list-style-type: none"> • Candidate has submitted the application • Candidate's profile must be displayed on recruitment list • Recruiter must logins. • Recruiter account has been authorized • Database must be connected. 	
Post-Condition(s)	<ul style="list-style-type: none"> • Recruitment process should be completed 	
Flow of activities	Actor	System
	<ol style="list-style-type: none"> 1. From the list of candidates, recruiter chooses one to view detail 2. Recruiter checks the profile. If acceptable, recruiter changes profile status into 'Interviewing', else 'Rejected', then click 'Update'. 3. When the interview is done, recruiter can now changes profile status into 'Rejected' or 'Approved', then click 'Update'. 	<ol style="list-style-type: none"> 1.1 Display profile of the candidate 2.1 Update the candidate's profile status 2.2 Invite candidate to the interview 3.1 If the status is 'Approved', the candidate's profile is now displayed in the recruitment list of manager.
Exception Condition(s)	<ol style="list-style-type: none"> 1.1 Fail to connect to database 2.2 The candidate's email is invalid. 	

Figure 7: Recruitment Process Use Case Description

Use Case Name	Update employee information	
Scenario	On manager interface	
Triggering event	Manager wants to interact with employee profile.	
Brief description	Manager view recruitment list, see detail of the employee and fill out new information, then save.	
Priority	Must have	
Actor(s)	Manager	
Pre-Condition(s)	<ul style="list-style-type: none"> • Manager must logins. • Manager account has been authorized • Database must be connected. 	
Post-Condition(s)	<ul style="list-style-type: none"> • The action must be saved and the list must be updated immediately. 	
Flow of activities	Actor	System
	1. Manager chooses an employee, click 'Detail' 2. Manager fills out new information for the employee. 3. Admin fill out the form, then click the 'Save' button.	1.1 Display the employee's profile. 2.1 Eliminate the account data from the database. 3.1 Verify the data. 3.2 Store the data in database 3.3 Update the data on the list
Exception Condition(s)	1.1 Fail to connect to database 3.1 The added data is duplicated and cannot be saved.	

Figure 8: Manager Update profile Use Case Description

Use Case Name	Submit application	
Scenario	On candidate's application interface	
Triggering event	Candidate wishes to apply to the company	
Brief description	Candidate fills out the application form, then submit.	
Priority	Must have	
Actor(s)	Candidate	
Pre-Condition(s)	<ul style="list-style-type: none"> • Database must be connected. 	
Post-Condition(s)	<ul style="list-style-type: none"> • The data is stored in the database • Candidate's profile must exist in recruitment list of recruiter. 	
Flow of activities	Actor	System
	1. Candidate opens application form. 2. Candidate fills out information, then submit	1.1 Display the application form. 2.1 Verify the data. 2.2 Store the data in database 3.3 Update the data in the recruitment list.
Exception Condition(s)	1.1 Fail to connect to database 2.1 The added data is duplicated and cannot be saved.	

Figure 9: Manager add New Employee Use Case Description

2.2 DFD Diagram

2.2.1 Introduction

In this system, Admin has to log in to the system to conduct functions such as adding some attributes: department, branch, position, title religion, ethnic, salary, academy; and manage user accounts. In addition, the system will show a list of accounts for the admin to manage easily. For managers, managers also log in to the system. In the manager site, functions for them: manage employee profile, manage recruitment profile and export list of the employee. In the recruitment processing, the Candidate fills out the application form which has on the system and sends it to the Recruiter to check them and invite the candidate to interview or reject their profile, they can export the interview schedule. The candidate profile will be submitted on the system which is received by the manager and the recruiter. However, the manager only updates the candidate profile to the employee profile when it is approved.

2.2.2 Context Diagram

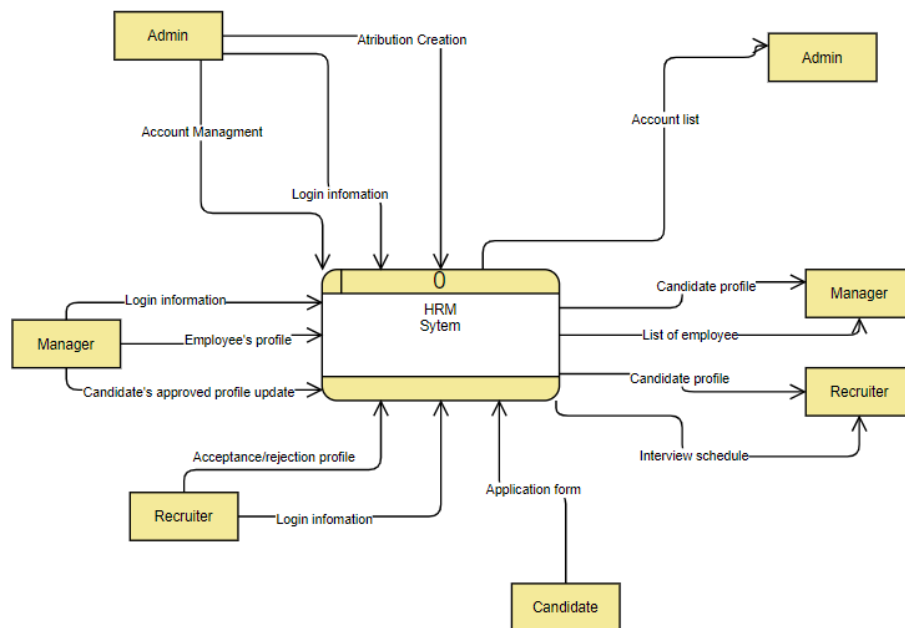


Figure 10: Context Diagram

2.2.3 level-0 Diagram

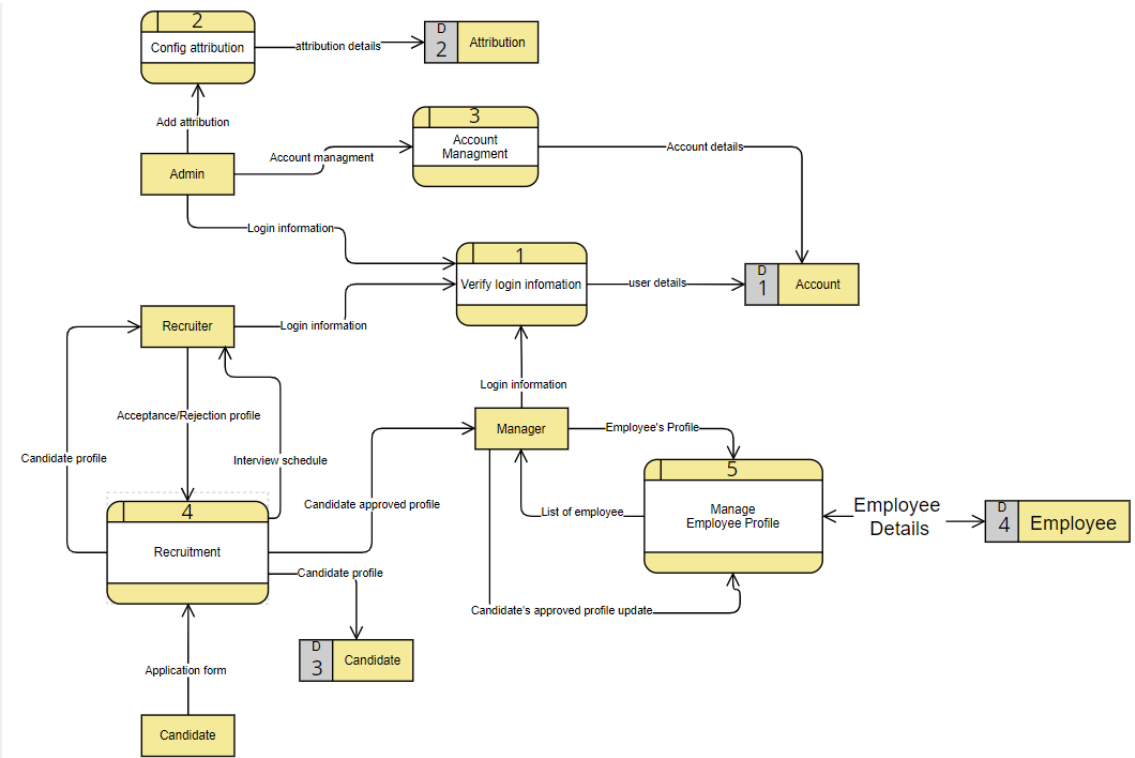


Figure 11: level-0 Diagram

2.2.4 level-1 Diagram

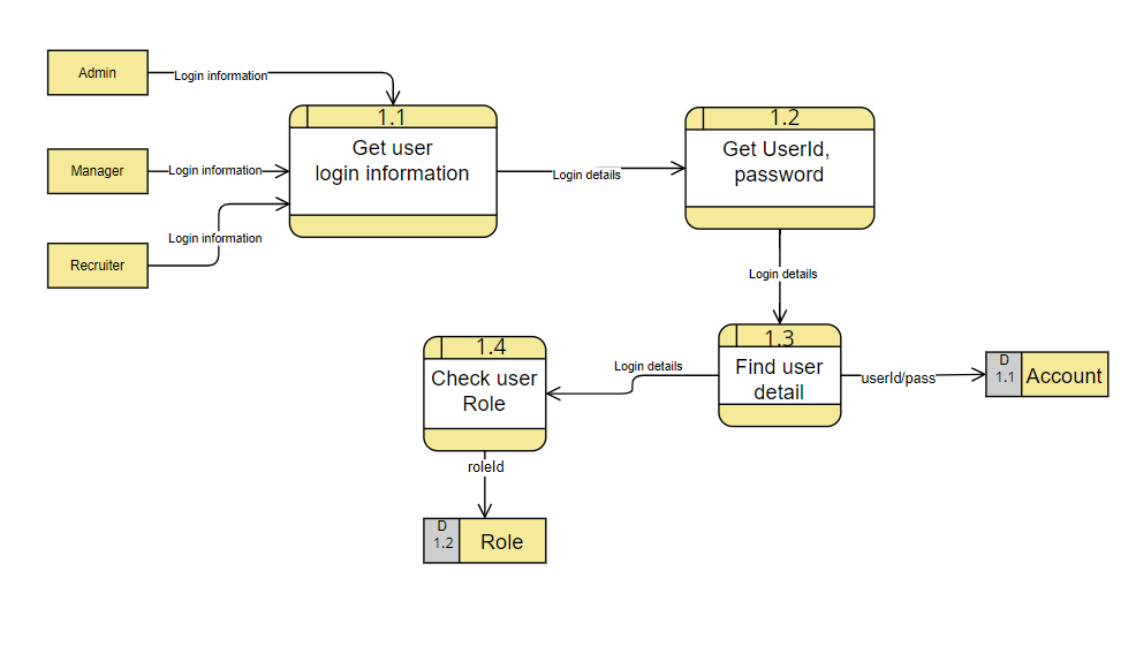


Figure 12: Level-1 Login Diagram

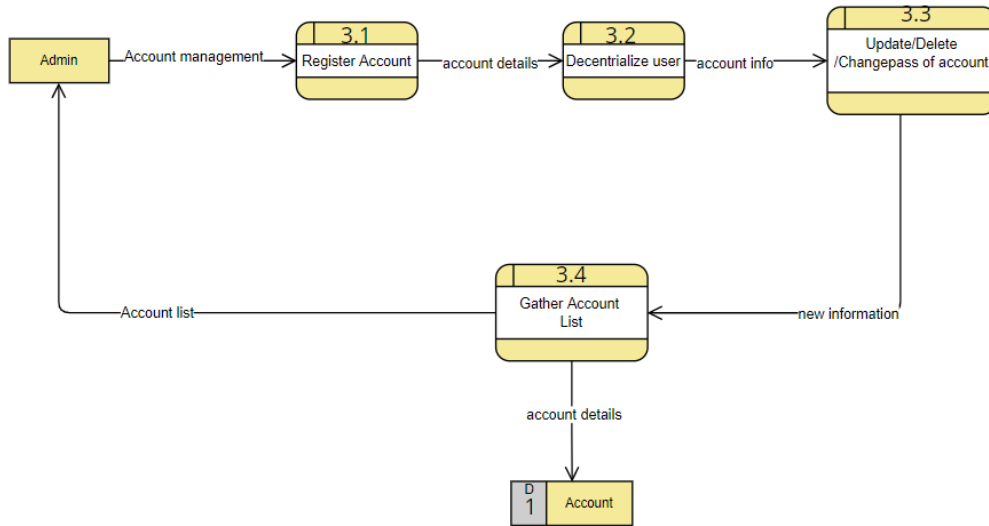


Figure 13: Level-1 Manage Account Diagram

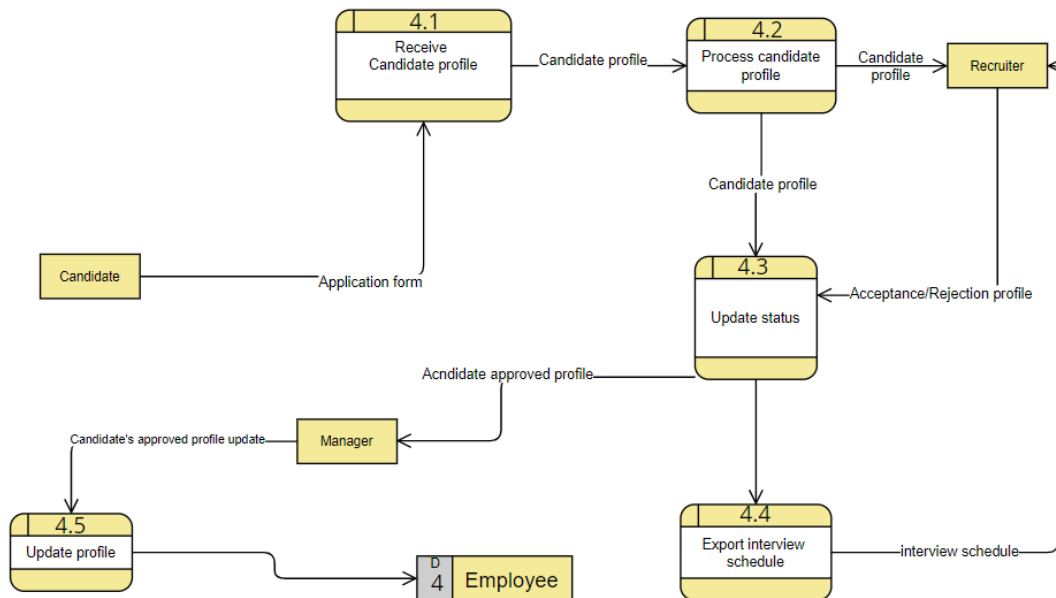


Figure 14: Level-1 Recruitment Diagram

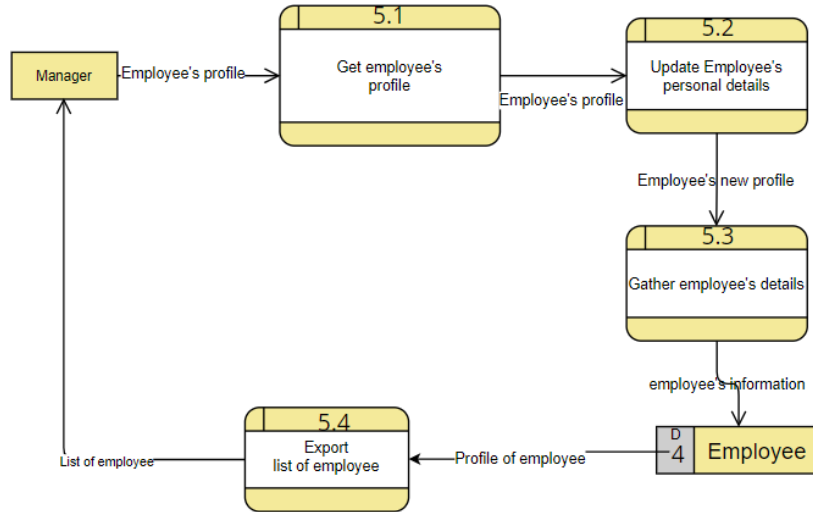


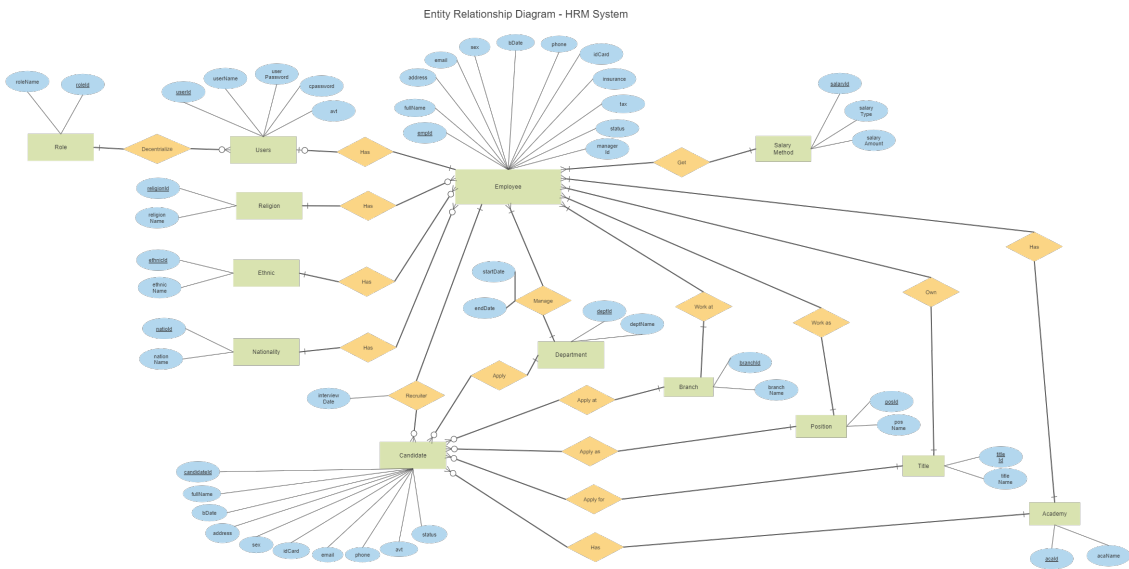
Figure 15: Level-1 Manage Employee Profile Diagram

2.3 ERD Diagram

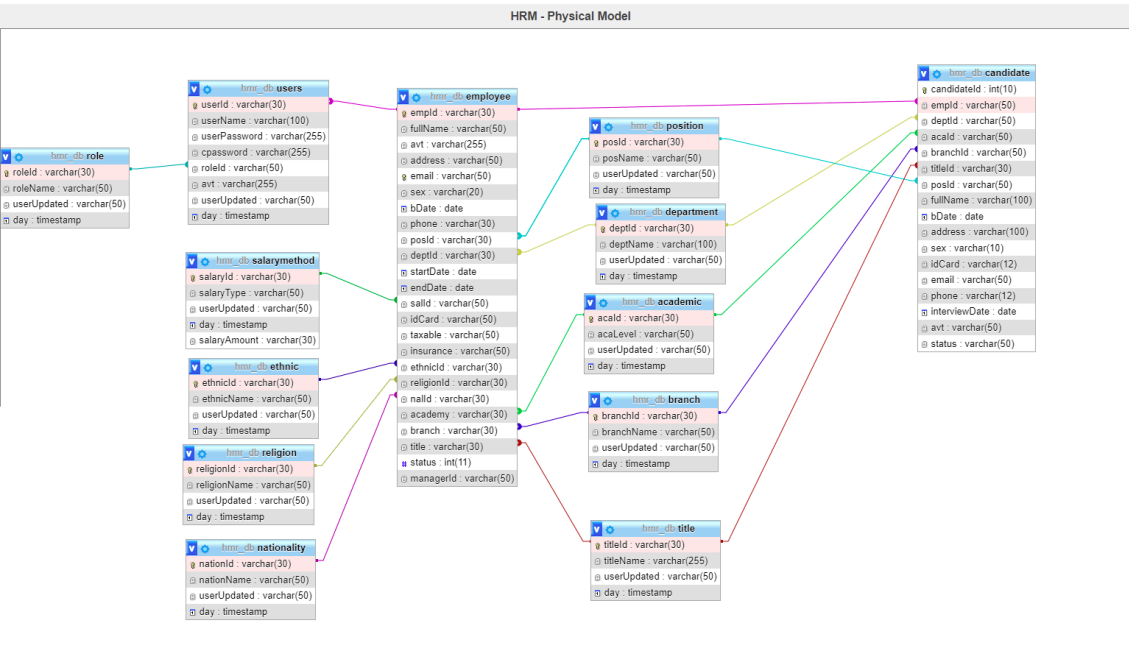
2.3.1 Introduction

Some employees will be supplied account followed by their roles such as Admin, Manager or Recruiter. The employee has one and only one entity: religion, ethnic, nationality, department, salary, branch, position, title and academy. For recruitment, an employee is the recruiter may have one or no candidates to recruit and the manager is the same. Each candidate just is recruited to one department and has one position, branch, title and academy.

2.3.2 ERD



2.3.3 Physical Model



3 Chapter 3: Implementation System

Implementation is an important part to manage an application of a planning process. It improves to develop the strategic systems which must expect to include a process for applying the plan. After implementation a plan we need to develop the process according to the system.

3.1 Framework Used

The selection of software platform of the previous and current phase of automation is as follows. We managed the web-based platform as work gains. We used PHP , JavaScript and Bootstrap as the front end, MySQL server as back-end DBMS.

3.1.1 Bootstrap

Bootstrap is open-source front-end and free web framework for creating websites and web designs. It includes CSS and HTML based layout templates for typography, models, buttons, navigation and different interface components, as well as elective JavaScript extensions. Unlike various web frameworks, it just concerns itself with front-end development.

3.1.2 PHP

PHP is a universally-used open source general-purpose scripting language that is remarkably suited for web development and can be implanted into HTML. It is also necessary to think PHP regarding what it can do for us. PHP always us to:

- Reduce the time to create a large website.
- Create a customized user experience for visitors based on the report that we have gathered from them.
- Open up thousands of opportunities for online tools.
- PHP works on several platforms (Linux, Windows, Unix, etc.).
- We can free download PHP from the website “www.php.net.”
- It is almost easy to learn and runs efficiently on the server side.

3.1.3 HTML

HTML stands for Hyper Text Markup Language. HTML is a language for defining the building of Web pages. HTML grants authors the means to,

- Distribute online documents with tables, lists, photos, titles, topic, etc.
- Improve online data via hypertext links, at the click of a button.

- Design schemes for operating activities with foreign services, for use in exploring for data, presenting licenses, ordering products, etc.
- Include covers-sheets, video clips, sound clips, and other applications immediately in their reports.

3.1.4 CSS

CSS is the language for describing the performance of Web pages, including appearances, layout design, and fonts. It enables one to adjust the presentation to various types of devices, such as big screens, small screens, or printers. CSS is confident of HTML and can be used with any XML-based markup language. The division of HTML from CSS performs it more comfortable to establish sites, receive style sheets pages, and original pages to different conditions.

3.1.5 Javascript

JavaScript is the world's most successful web-based programming language. It is the language for HTML, for the web, for servers, PCs, laptops, tablets, phones, and more. JavaScript is a Scripting Language.

- JavaScript is programming code that can be implanted into HTML pages.
- All modern web browsers can perform JavaScript code
- JavaScript is clear to learn

3.1.6 Tools

A software development tool is a program or applications that Software Developers use to design, debug, maintain, or otherwise maintain other programs and applications.

- Visual Studio Code
- Xampp Server
- PhpMyAdmin
- Browser

3.2 Database

A database is an arranged group of data. For our application, the database is a significant aspect. The database needs to be stable and secure because security is a significant problem for a web application. So to select a database is essential and more important than any other things for our project. We like MySQL because it is the most suitable database for us for some reasons. Those reasons will be given below.

A MySQL database is a hosting database that is used to store website information like blog posts or user report. A MySQL database is the usual general type of relational database on the web today. That is partly because it is free but also very important. In basic terms, a MySQL database is intelligent about saving any data that you want. It will let you quickly store and retrieve information and many website visitors can practice it at one time.

- MySQL is a database server
- It is ideal for both small and large application.
- MySQL Supports standard SQL
- It compiles on some platforms.

These are the purposes we used MySQL as our database because it is so important to select the right database for our application otherwise the whole hard work may go in vain. That's why considering all the options we've chosen this database, and it was so useful for our project as well as the web application.

3.3 System architecture

The system report is about learning what the system is going to handle, rather than determining how to do the handling. We require decaying a complex set of the requirement into the primary elements and relationships on which we will base our explanation. An analysis is our first chance to get to handles with modeling the real world as objects.

3.3.1 System study

System study is an initial stage of system development life cycle. That gives a bright idea of what the real system is? After finishing the system study, a system proposal is prepared by the System Analyst (who studies the system) and placed before the user. The proposed method includes the findings of the present system and suggestions to overcome the shortcomings and problems of the modern policy in the light of the user's specifications

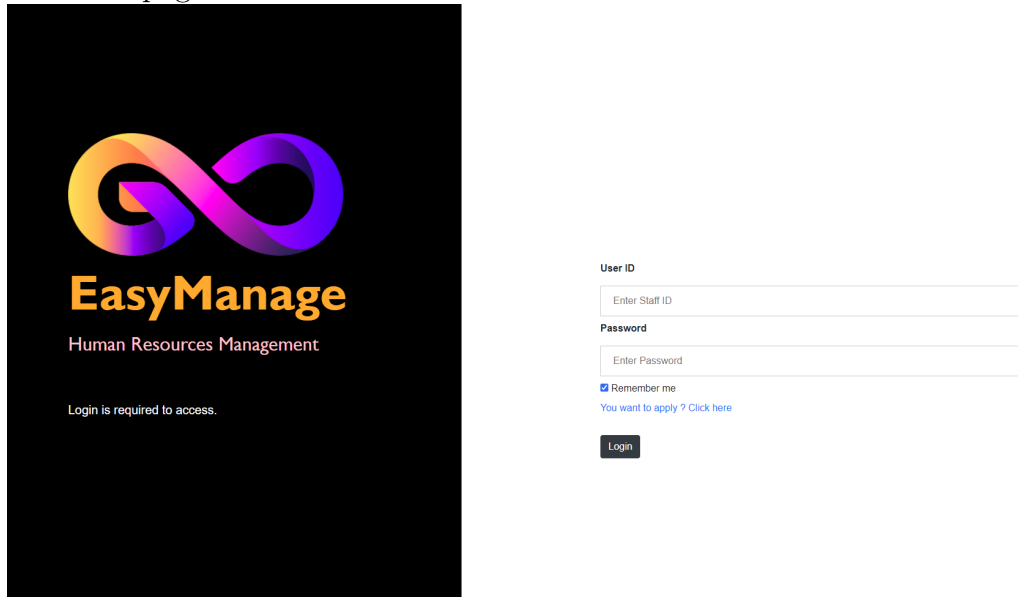
3.3.2 Feasibility Study

Feasibility or Probability study is the process used for the developing if the difficult can be solved or not solved, casual purposes, and evaluating the range of cost and benefits associated with various alternatives for solving the problem. Feasibility studies are necessary first to assess the feasibility of an application

4 Chapter 4: Demo

4.1 Log-in page

This is the homepage where users such as Admin, Manager and Recruiter may login from this page.



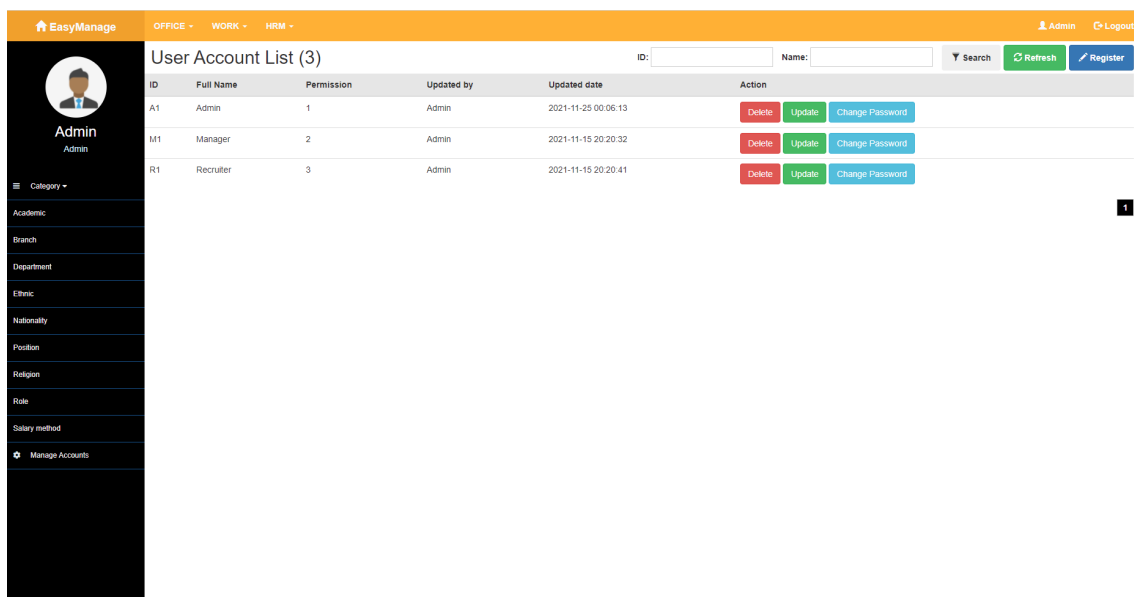
The image shows the login page for EasyManage. On the left, there is a large black rectangle with the EasyManage logo (a stylized infinity symbol in orange and purple) and the text "EasyManage Human Resources Management". Below this, it says "Login is required to access." On the right, there is a login form with fields for "User ID" (labeled "Enter Staff ID") and "Password" (labeled "Enter Password"). There is a "Remember me" checkbox and a link "You want to apply ? Click here". A "Login" button is at the bottom.

Figure 16: Login View of Users

4.2 Admin page

Admin site where Admin can update or edit anything what they want. In this site, they can add attributes (academy, branch, position, department, salary, ethnic, religion, role, nationality) and manage accounts via delete account, update information account or change its password if they are required.

4.2.1 Manage Account



The image shows the "Manage Account" view of the Admin page. It features a sidebar with a user profile (Admin) and a list of categories (Academic, Branch, Department, Ethnic, Nationality, Position, Religion, Role, Salary method, Manage Accounts). The main content area displays a "User Account List (3)" with a table of user accounts. The table has columns for ID, Full Name, Permission, Updated by, Updated date, and Action. The Action column contains buttons for Delete, Update, and Change Password. There are also search, refresh, and register buttons at the top right.

ID	Full Name	Permission	Updated by	Updated date	Action
A1	Admin	1	Admin	2021-11-25 00:06:13	Delete Update Change Password
M1	Manager	2	Admin	2021-11-15 20:20:32	Delete Update Change Password
R1	Recruiter	3	Admin	2021-11-15 20:20:41	Delete Update Change Password

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Figure 17: Manage Account View of Admin

EasyManage

OFFICE WORK HRM

Admin Logout

Admin

Admin

Category

Academic

Branch

Department

Ethnic

Nationality

Position

Religion

Role

Salary method

Manage Accounts

User Account List (3)

ID: Name:

ID	Full Name	Permission	Updated by	Updated date	Action
A1	Admin	1	Admin	2021-11-25 00:06:13	Delete Update
M1	Manager	2	Admin	2021-11-15 20:20:32	Delete Update
R1	Recruiter	3	Admin	2021-11-15 20:20:41	Delete Update

Enter User Name:

Enter User Name

Enter User ID:

Enter User ID

Permission:

Select permission

Enter Password

Enter Password Again

Validate Password

Save

Figure 18: Register Accounts View of Admin

Update Account

User ID

A1

Permission

1

User Name

Admin

Avatar Profile

Chọn tệp

Không có tệp nào được chọn

Update

Figure 19: Update Account Info View of Admin

Change Password

User ID

A1

User Name

Admin

New Password

New Password

Import New Password

Import New Password

Save

Figure 20: Change Account Password View of Admin

4.2.2 Add Contribution

EasyManage

OFFICE WORK HRM

Admin Logout

Admin

Admin

Category

Academic

Branch

Department

Ethnic

Nationality

Position

Religion

Role

Salary method

Manage Accounts

Academic List (3)

+ Add

Refresh

ID	Level	Updated by	Updated date	Action
HS	High School	Admin	2021-11-12 22:37:29	Delete
P	Postgraduate	Admin	2021-11-12 22:37:59	Delete
U	University	Admin	2021-11-12 22:37:41	Delete

Figure 21: Academic View of Admin

EasyManage

OFFICE WORK HRM

Admin Logout

Admin

Admin

Category

Academic

Branch

Department

Ethnic

Nationality

Position

Religion

Role

Salary method

Manage Accounts

Academic List (3)

+ Add Refresh

ID	Level	Updated by	Updated date
HS	High School	Admin	2021-11-12 22:37:29
P	Postgraduate	Admin	2021-11-12 22:37:59
U	University	Admin	2021-11-12 22:37:41

Academic ID:

Enter academic ID

Academic Level:

Enter academic level

Save

Figure 22: Add more Academic View of Admin

EasyManage

OFFICE WORK HRM

Admin Logout

Admin

Admin

Category

Academic

Branch

Department

Ethnic

Nationality

Position

Religion

Role

Salary method

Manage Accounts

Branch List (3)

+ Add Refresh

ID	Branch Name	Updated by	Updated date	Action
C	Central Region	Admin	2021-11-12 22:34:43	Delete
N	North	Admin	2021-11-12 22:35:12	Delete
S	Southern	Admin	2021-11-12 22:35:12	Delete

Figure 23: Branch View of Admin

EasyManage

OFFICEWORKHRM

AdminLogout

Admin

Admin

Category

Academic

Branch

Department

Ethnic

Nationality

Position

Religion

Role

Salary method

Manage Accounts

Department List (6)

AddRefresh

ID	Department	Updated by	Updated date	Action
B	Board	Admin	2021-11-13 02:11:20	Delete
CD	Construction Department	Admin	2021-11-12 22:31:58	Delete
DD	Project Division	Admin	2021-11-12 22:31:58	Delete
FA	Financial Accounting	Admin	2021-11-12 22:29:58	Delete
HR	Human Resource	Admin	2021-11-12 22:31:58	Delete
TD	Design Department	Admin	2021-11-12 22:31:58	Delete

Figure 24: Department View of Admin

EasyManage

OFFICEWORKHRM

Admin

Admin

Category

Academic

Branch

Department

Ethnic

Nationality

Position

Religion

Role

Salary method

Manage Accounts

Ethnic List (12)

+ Add

Refresh

ID	Ethnic Name	Updated by	Updated date	Action
B	Ba-na	Admin	2021-11-28 23:03:31	Delete
D	Dao	Admin	2021-11-28 23:02:59	Delete
E	E-de	Admin	2021-11-28 23:03:20	Delete
G	Gia-rai	Admin	2021-11-28 23:03:09	Delete
H	Hoa	Admin	2021-11-28 23:02:21	Delete
Hm	H'Mong	Admin	2021-11-28 23:02:52	Delete
K	Kinh	Admin	2021-11-12 22:39:19	Delete
Kh	Khmer	Admin	2021-11-28 23:02:30	Delete
M	Muong	Admin	2021-11-28 23:02:14	Delete
N	Nung	Admin	2021-11-28 23:02:37	Delete
T	Tay	Admin	2021-11-28 23:01:37	Delete
Ta	Thai	Admin	2021-11-28 23:02:03	Delete

Figure 25: Ethnic View of Admin

EasyManage

OFFICEWORKHRM

AdminLogout

Admin

Admin

Category

Academic

Branch

Department

Ethnic

Nationality

Position

Religion

Role

Salary method

Manage Accounts

Nationality List (11)

+ AddRefresh

ID	Nationality	Updated by	Updated date	Action
Bru	Brunel	Admin	2021-11-28 23:04:17	Delete
C	Campuchia	Admin	2021-11-28 23:04:27	Delete
Dt	Dong Timor	Admin	2021-11-28 23:05:05	Delete
I	Indonesia	Admin	2021-11-28 23:05:13	Delete
L	Lao	Admin	2021-11-28 23:05:25	Delete
M	Malaysia	Admin	2021-11-28 23:05:34	Delete
My	Myanmar	Admin	2021-11-28 23:05:44	Delete
P	Philippines	Admin	2021-11-28 23:06:09	Delete
S	Singapore	Admin	2021-11-28 23:06:51	Delete
TL	Thai Lan	Admin	2021-11-28 23:06:59	Delete
VN	Viet Nam	Admin	2021-11-12 22:39:39	Delete

Figure 26: Nationality View of Admin

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OFFICEWORKHRM

AdminLogout

Admin

Admin

Category

Academic

Branch

Department

Ethnic

Nationality

Position

Religion

Role

Salary method

Manage Accounts

Position List (9)

+ Add

Refresh

ID	Position Name	Updated by	Updated date	Action
AD	Administrators	Admin	2021-11-13 02:10:54	Delete
AP	Administrative Personnel	Admin	2021-11-12 22:27:36	Delete
DS	Design Software	Admin	2021-11-12 22:27:36	Delete
I	Intern	Admin	2021-11-12 22:50:06	Delete
M	Manager	Admin	2021-11-13 02:20:41	Delete
PM	Project Management	Admin	2021-11-12 22:26:49	Delete
PS	Programming Software	Admin	2021-11-12 22:25:02	Delete
SE	Systems Engineer	Admin	2021-11-12 22:27:36	Delete
Tr	Training	Admin	2021-11-12 22:50:26	Delete

Figure 27: Position View of Admin

EasyManage OFFICE WORK HRM Admin Logout

Religion List (3) [+ Add](#) [Refresh](#)

ID	Religion	Updated by	Updated date	Action
BD	Buddhism	Admin	2021-11-12 22:40:10	Delete
C	Catholic	Admin	2021-11-28 23:08:04	Delete
P	Protestantism	Admin	2021-11-28 23:09:27	Delete

Category

- Academic
- Branch
- Department
- Ethnic
- Nationality
- Position
- Religion
- Role
- Salary method
- Manage Accounts

Figure 28: Religion View of Admin

EasyManage OFFICE WORK HRM Admin Logout

Role List (3) [+ Add](#) [Refresh](#)

ID	Role	Updated by	Updated date	Action
1	Admin		2021-11-12 22:20:44	Delete
2	Manager		2021-11-13 02:34:21	Delete
3	Recruitment Staff		2021-11-13 02:34:17	Delete

Category

- Academic
- Branch
- Department
- Ethnic
- Nationality
- Position
- Religion
- Role
- Salary method
- Manage Accounts

Figure 29: Role View of Admin

ID	Amount	Method	Updated by	Updated date	Action
pD	500.000 VND	per Day	Admin	2021-11-12 22:46:37	Delete
pH	80.000 VND	per Hour	Admin	2021-11-12 22:46:06	Delete
pM	20.000.000 VND	per Month	Admin	2021-11-12 22:49:13	Delete
pW	3.000.000 VND	per Week	Admin	2021-11-12 22:49:18	Delete

Figure 30: Salary View of Admin

ID	Amount	Method	Updated by	Updated date
pD	500.000 VND	per Day	Admin	2021-11-12 22:46:37
pH	80.000 VND	per Hour	Admin	2021-11-12 22:46:06
pM	20.000.000 VND	per Month	Admin	2021-11-12 22:49:13
pW	3.000.000 VND	per Week	Admin	2021-11-12 22:49:18

Method ID:

Period:

Amount:

Figure 31: Add Salary View of Admin

4.3 Candidate page

This is the application form for candidate who wants to apply to Company. After filling out the form, form will be submitted to recruiter for checking the profile.

APPLICATION FORM

Full Name

Enter your full name

Academy

Select Academy

Address

Enter your address

Identity Card Number

Enter ID card number

Email

Enter your email

Position

Select Position

Gender

Select Gender

Branch

Select Branch

Birth Date

dd/mm/yyyy

Title

Select Title

Phone Number

Enter your phone number

Avatar Profile

Chọn tệp | không có tệp nào được chọn

Department

Select Department

Go Back

Send

Figure 32: Application Form View of Candidate

4.4 Recruiter page

Recruiter site achieve some function such as adding new candidate profile, reading and checking the profile. If the recruiter approve profile, it will be sent to manager for updating remained information. There are 4 status for profile: interviewing, new, rejected and approved. When the new profile exists, the recruiter will be assigned to this profile and they can check the detail of the profile and set an interview date. In this site, the recruiter is able to extract their interview schedule.

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Recruiter Logout

Recruiter Recruitment Staff

Recruitment List

Recruitment List (5)

ID: Name: Search Export Recruit

ID	Full Name	Birth Date	Nominee	Title	Profile Status	Action
1	Candidate 1	1996-11-18	Design Software	Center Director	Interviewing	Detail
2	Candidate	2001-07-25	Administrators	Staff	Approved	Detail
3	Candidate 2	2021-11-26	Administrative Personnel	Technical Director	Rejected	Detail
4	Candidate 10	1995-11-19	Administrators	Deputy	New	Detail
17	Candidate 7	1997-06-25	Design Software	Manager	New	Detail

Figure 33: Manage Candidate Profile View of Recruiter

ID	Full Name	Birth Date	Nominee	Title	Profile Status
1	Candidate 1	1996-11-15	Design Software	Center Director	Interviewing
2	Candidate	2001-07-25	Administrators	Staff	Approved
3	Candidate 2	2021-11-26	Administrative Personnel	Technical Director	Rejected
4	Candidate 10	1995-11-19	Administrators	Deputy	New
17	Candidate 7	1997-06-25	Design Software	Manager	New

Figure 34: Add new Candidate Profile View of Recruiter

Candidate 1
can1@gmail.com

Recruitment ID*: 1

Full Name: Candidate 1

Address: D1

Email: can1@gmail.com

Gender: Male

Birth Date: 18/11/1996

Phone Number: 21345678

Department: Construction Department

Academy: Postgraduate

Identity Card Number: 5821364712

Interview Date: 20/12/2021

Position: Design Software

Branch: North

Title: Center Director

Avatar Profile: cus.png.1

Profile Status: Interviewing

Profile Status: Interviewing by R1

Go Back Update

Figure 35: Candidate Profile View of Recruiter

4.5 Manager page

Manager site allows managers can manage recruitment list, employee list followed by department , position, title, branch, or gender. In this site, manager have the same function as the recruiter such as managing recruitment and profile of candidate, extracting report. In addition, manager also add new employee or update their status (working, retired, intermission).

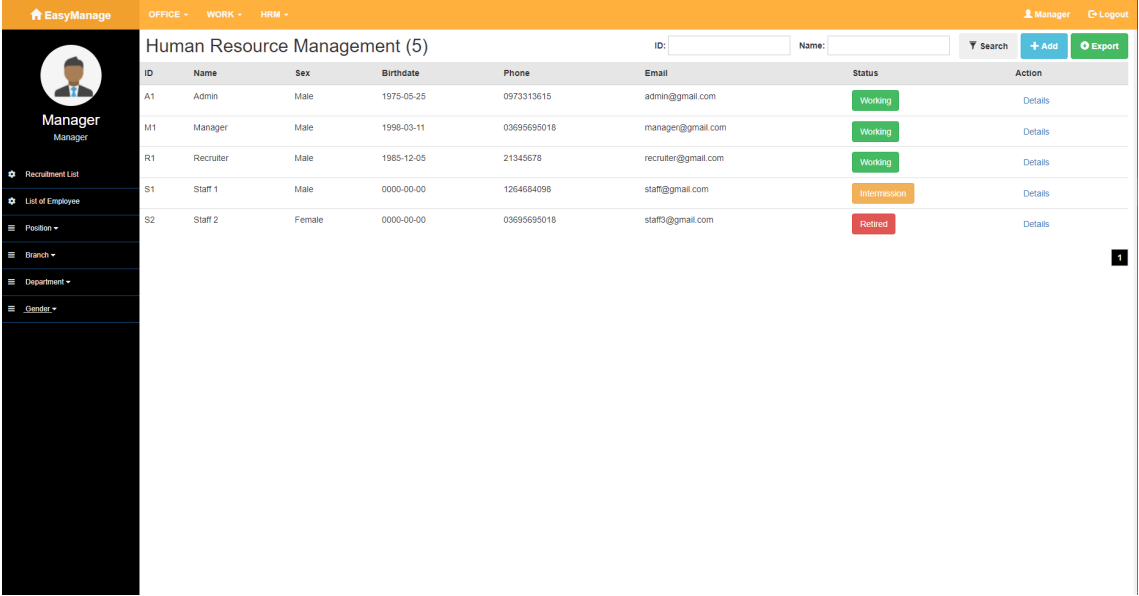


Figure 36: List of Employee View of Manager

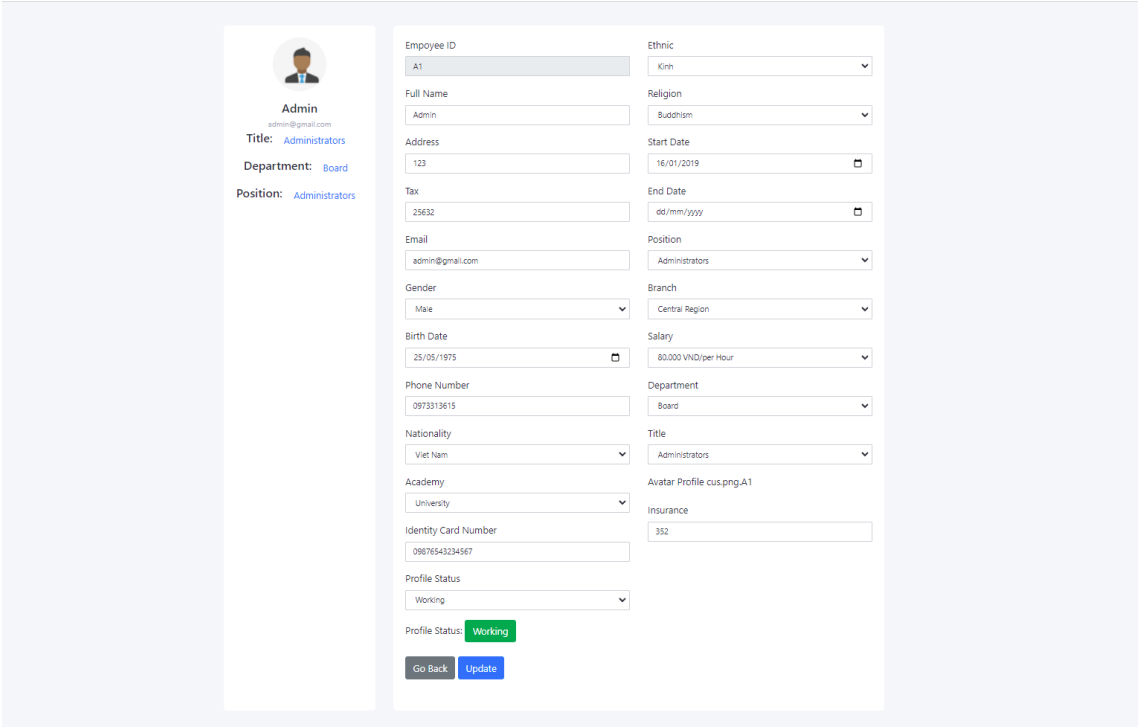


Figure 37: Employee Profile View of Manager

4.5.1 Recruitment List page

EasyManage

OFFICEWORKHRM

ManagerLogout

Manager

Recruitment List

List of Employee

Position

Administrators

Administrative Personnel

Design Software

Intern

Manager

Project Management

Programming Software

Systems Engineer

Training

Branch

Central Region

North

Southern

Recruitment List (5)

ID:Name:SearchExportRecruit

ID	Full Name	Birth Date	Nominee	Title	Profile Status	Action
1	Candidate 1	1996-11-18	Design Software	Center Director	Interviewing	Detail
2	Candidate	2001-07-25	Administrators	Staff	Approved	Detail
3	Candidate 2	2021-11-26	Administrative Personnel	Technical Director	Rejected	Detail
4	Candidate 10	1995-11-19	Administrators	Deputy	New	Detail
17	Candidate 7	1997-06-25	Design Software	Manager	New	Detail

Figure 38: Manage Candidate Profile View of Manager

EasyManage

OFFICEWORKHRM

ManagerLogout

Manager

Recruitment List

List of Employee

Position

Administrators

Administrative Personnel

Design Software

Intern

Manager

Project Management

Programming Software

Systems Engineer

Training

Branch

Central Region

North

Southern

Recruitment List (5)

ID:Name:

ID	Full Name	Birth Date	Nominee	Title
1	Candidate 1	1996-11-18	Design Software	Center Director
2	Candidate	2001-07-25	Administrators	Staff
3	Candidate 2	2021-11-26	Administrative Personnel	Technical Director
4	Candidate 10	1995-11-19	Administrators	Deputy
17	Candidate 7	1997-06-25	Design Software	Manager

Full Name:

Enter Full Name

Address:

Enter Address

Email:

Enter Email

Gender:

Select gender

Birth Date:

dd/mm/yyyy

Phone Number:

Enter Phone Number

Identity Card Number:

Enter ID Number

Academy:

Select academy

Department:

Select department


Position:

Select position

Branch:

Select position

Figure 39: Add new Candidate Profile View of Manager



Candidate
can2@gmail.com

Recruitment ID
2

Full Name
Candidate

Address
Dist 2

Tax
Enter tax number

Email
can2@gmail.com

Gender
Female

Birth Date
25/07/2001

Phone Number
236108979

Nationality
Select Nationality

Academy
Postgraduate

Identity Card Number
45687912385

Recruitment Profile Status: Approved by R1

Go Back Update

Ethnic
Select Ethnic

Religion
Select Religion

Start Date
dd/mm/yyyy

End Date
dd/mm/yyyy

Position
Administrators

Branch
North

Salary
Select Salary

Department
Financial Accounting


Title
Staff

Avatar Profile cus.png.2

Insurance
Enter insurance number

Employee ID
(Enter if approval)

Figure 40: Candidate Profile View of Manager



Candidate
can2@gmail.com

Recruitment ID
2

Full Name
Candidate

Address
Dist 2

Tax
Enter tax number

Email
can2@gmail.com

Gender
Female

Birth Date
25/07/2001

Phone Number
236108979

Nationality
Select Nationality

Academy
Postgraduate

Identity Card Number
45687912385

Recruitment Profile Status: Approved by R1

Go Back Update

Ethnic
Select Ethnic

Religion
Select Religion

Start Date
dd/mm/yyyy

End Date
dd/mm/yyyy

Position
Administrators

Branch
North

Salary
Select Salary

Department
Financial Accounting

Title
Staff

Avatar Profile cus.png.2

Insurance
Enter insurance number

Employee ID
(Enter if approval)

Employee Profile Status: Working

Figure 41: Update Finished Candidate Profile View of Manager

5 Chapter 5: Conclusion

We tried our best to complete the project and we successfully done it. HRM is a system that is very popular nowadays but joining with accounting system is not present or developed yet. We tried to do this.

In future we will try to add more functionality and more feature. We have a future plan for this project .Also we will update framework to Laravel or MongoDB when System need larger .

6 Reference

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