WEB BASED EMPLOYEE TASK AND PAYROLL MANAGEMENT SYSTEM

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This Report Presented in Partial Fulfillment of the Requirements for the Degree of Bachelor of Science in Computer Science and Engineering

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APPROVAL

This Project titled "Web-Based Employee Task and Payroll Management System", submitted by Md Rayhanuzzaman, ID No:151-15-4684 and Moutoshi Akter, ID No:152-15-5798, to the Department of Computer Science and Engineering, Daffodil International University has been accepted as satisfactory for the partial fulfillment of the requirements for the degree of B.Sc. in Computer Science and Engineering and approved as to its style and contents. The presentation has been held on May 4, 2019.

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We hereby declare that, this project has been done by us under the supervision of Moushumi Zaman Bonny, Senior Lecturer, Department of CSE, Daffodil International University. We also declare that neither this project nor any part of this project has been submitted elsewhere for award of any degree or diploma.

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ABSTRACT

Every private and government office handle different project all over the year. That means their every work is done by different project. When they get a new project, the office admin assign a moderator and few members for new project. After that they have done their work through a team work. Project admin divide the work with specific expert.But this is so much tough to handle in manual process. That's why I have developed asystem which will maintain all of this work. According to my system, when a companygets a project, the admin will create a project with all agenda and deadline by assigningthe Branch Manager. Then Branch Manageradds his or her member. The project head dividehis/her the project as per his necessity. Then assign all the divided work to his projectmember with specific deadline. After that the project head will monitor the developedwork. Actually, this system is developed to reduce the complexity of corporate life. Every admin can handle huge project without any pressure. The employees can submit their attendance, and the managers can check employee attendance and his task details, etc. Also Branch Manager can calculate and disburse salary to his employees.

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CHAPTER 1

Introduction

1.1 Introduction

Employee Task and Payroll management system is an online web application. It can handle any kind of project work both in government and private. It is also a smart way to maintain and observe Employee attendance, Payroll accounting, Task Management, Salary calculations. In this application Administrator creates branches and he assign Branch manager in each branch. Branch manager will add employees to his branch and he assigns tasks to his employees. Administrator is the main user of this web application and Branch manager will manage employee records.

1.2 Motivation

Currently, this kind of system is very rare in Bangladesh. After getting a project everycompany arrange a board meeting to distribute the total work. That time every employee assigned in his/her expert area. After assigning the work every day project manager took the update from the employee. When any problem arises or have something toannounce that time they arrange another meeting. This is total current situation of most of the working lace in Bangladesh.

1.3 Objectives

According to my project title everybody can realize that my system is developed for anycorporate organization and even in university administrative section. My aim is toestablish a system which solve all the critical part in project developing period. Throughmy project the admin, Branch manager and the employee are connected each other. Everybody whoare connected a project can see the daily update, progress report, project member detailsetc.

1.4 Expected Outcome

From this project, I am expecting a fruitful outcome which will help every organization to organize their work and manage deadline. On the other hands it will also make anannual income through every project wise earning.

1.5 Report Layout

This part plays a vital role in project documentation. A key feature of reports is thatthey are formally structured in sections. The use of sections makes it easy for the reader to jump straight to the information they need. The report arranges as follows: In the chapter 2, we specified about the background of our project. In the chapter 3, we declared about requirement specification. In the chapter 4, we specified about the design specification. In the chapter 5, we discussed about implementation and testing. In the chapter 6, we discuss the Conclusion and Future Scope and solution for the problems.

CHAPTER 2

Background

2.1 Introduction

Employee Task and Payroll management system is a new subject still now in Bangladeshbecause everyorganization in Bangladesh is using many professional soft wares to organize and maintaintheir work and business revenue. That's means they are using their employee to maintaincalculation through software but they are monitoring their employee in manual process. A project manager divides their work and monitor physically introducing with employee. This manual calculation sometimes causes big problem like delayed in delivery. That's why I have developed this system to make a smart environment to make every project successful with proper dateline.

2.2 Related Works

This type of work is currently running in every tech base company. When they getnewproject, they just assign their work in their project monitoring system then add their project manager and team member. The manager then assigns their project work with aspecific deadline. Then every member started their work. If they want they can reassign their work with their assistances also with proper deadline. When one deadline is over it marked as red. That means every member will be concern with their work because it willmake a big effect in their career.

2.3 Comparative Studies

If we try to compare this system with other developed nation, we get a big frustratedanalysisbecause they are one step ahead from usbecause they are using this kind of system from many years ago. That's why their every company is well organized and theiremployees are more concern about their work. So it's high time to start our system andmake it successful as early as possible. In this position government can play a vital role to implement this successfully.

2.4 Scope of Problems

In my previous section I have mentioned about government steps. But here is somemajorproblem which is our employee. They are not familiar with this type of system. Whengovernment tries to implement this system in every government office, that time they willface many technical problems. But it could be easily overcome by our expert trainer. Soprimarily it can cause many problems but in future in will make a great result[6].

2.5 Challenges

Every system, especially which is new, have many problems to implement. Butchallengesare part of a system. If we can make necessary step to make defend then we will besuccessful. So, we have to make user friendly systembecause our current employeegeneration is not too much friendly with this kind of system. Using expert trainer anduser-friendly system we can defend any challenge.

CHAPTER 3

Requirement Specification

3.1 Business Process Model

According to the definition of activity diagram we can say it is a graphical presentation of specifying business process. Business Process Model and Notation is a standard forbusiness process modeling that provides a graphical notation for specifying business processes in a Business Process Diagram[2]. Our first step in modeling is actually penand paper. However, to actually run a business process, we will need to digitize that process in a way that a workflow engine can understand[3]. That's why we make ourworkflow by following the rule of Business Process Model. The given work flows are admin, branch manager and employee activities in our system. After login the system what will see and what is the activity of him, this Figure 3.1 is the solution of those questions.

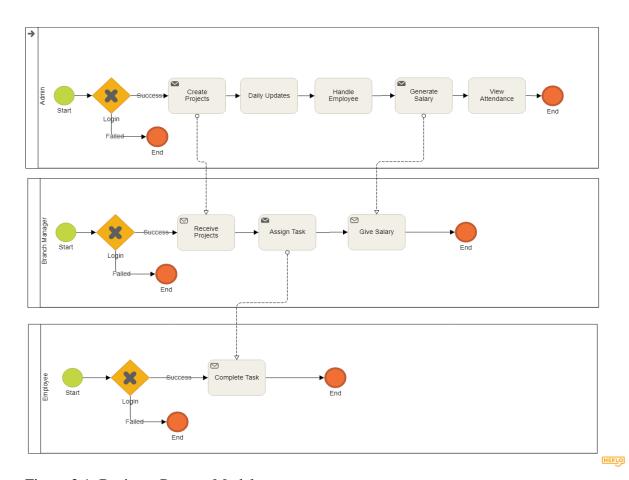


Figure 3.1: Business Process Model

3.2 Requirement Collection and Analysis

The software requirements are description of features and functionalities of the targetsystem. Requirements convey the expectations of users from the software product. Therequirements can be obvious or hidden, known or unknown, expected or unexpected fromclient's point of view. The process to gather the software requirements from clientanalyze and document them is known as requirement engineering[12]. The goal of requirement engineering is to develop and maintain sophisticated and descriptive 'SystemRequirements Specification' document[4].

3.3 Requirement Collection Process

It is a four steps process, which are,

- Feasibility Study
- Requirement Gathering
- Software Requirement Specification
- Software Requirement Validation

3.3.1 Feasibility Study

When the client approaches the organization for getting the desired product developed, itcomes up with rough idea about what all functions the software must perform and whichall features are expected from the software. Referencing to this information, the analystsdoes a detailed study about whether the desired system and its functionality are feasible develop. This feasibility study is focused towards goal of the organization. This studyanalyzes whether the software product can be practically materialized in terms of implementation, contribution of project to organization, cost constraints and as per values and objectives of the organization. It explores technical aspects of the project and productsuch as usability, maintainability and productivity and integration ability [13].

The output of this phase should be a feasibility study report that should contain adequatecomments and recommendations for management about whether or not the project should be undertaken.

3.3.2 Requirement Gathering

If the feasibility report is positive towards undertaking the project, next phase starts withgathering requirements from the user. Analysts and engineers communicate with the client and end-users to know their ideas on what the software should provide and which features they want the software to include.

3.3.3 Software Requirement Specification

SRS is a document created by system analyst after the requirements are collected fromvarious stakeholders. SRS defines how the intended software will interact with hardware, external interfaces, speed of operation, response time of system, portability of softwareacross various platforms, maintainability, speed of recovery after crashing, Security, Quality, Limitations etc.

3.3.4 Software Requirement Validation

After requirement specifications are developed, the requirements mentioned in thisdocument are validated. User might ask for illegal, impractical solution or experts mayinterpret the requirements incorrectly. This results in huge increase in cost if notnippedin the bud. Requirements can be checked against following conditions.

- If they can be practically implemented
- If they are valid and as per functionality and domain of software
- If there are any ambiguities
- If they are complete
- If they can be demonstrated

3.4 Use Case Model and Description

Use case model is very powerful process for understanding and describing any softwareor management project. That means this model show that the user area and what can userdo? At the same time it also shows the limitation of admin. So in a word I can say it iscreated by developer for more understanding his/her project and build without error. Italso fixes the critical bug also. According to the rule of use-case we also build 3 use-casemodels for admin, employee and manager[5].

3.4.1 Use-case Model of Employee Task and Payroll management system

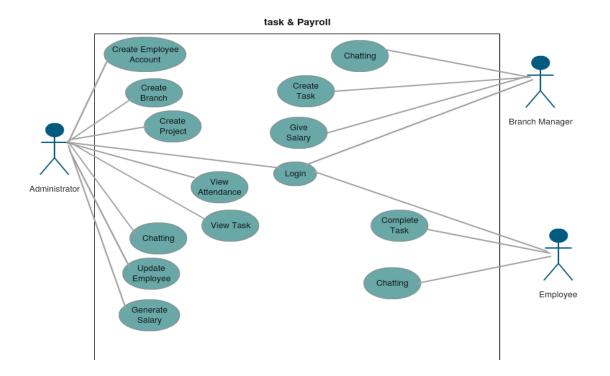


Figure 3.2: Use-case Model

3.4.2 Description of Use-case Model

Administrator, Branch Manager and Employeeare the system handler actors in my system in Figure 3.2. Admin is the powerhouse of our project because every step of this system will be maintained by admin. Hecan change the whole prototype of this system. The reputation of my project depends on the activities of administrator. That's why I try to make my admin power and using process more flexible. The given use-case model is the whole activities of administrator, Branch Manager and Employee. Administrator has registration part and admin can create the account for both employee and branch manager. Then employee and manager can login into admin panel. The main work area of admin is to handle and monitor project work. He can open project. After opening project, he can distribute the work among the employee and can monitor the whole process. According to the Figure 3.2, when a new branch manager will assign by admin he or she canview the whole project with project proposal. Then he can start his work which was assigned by the admin with a specific deadline. Employee can also make comment indiscussion area or he can give

suggestion to make project more effective. He has also the power to view the total percentage of developed work.

3.5 Logical Data Model

Logical data modeling is the process of representing data architecture and organization in graphical way without any regard to the physical implementation or the databasemanagement system technology involved in storing the data [14. A logical data modelprovides all the information about the various entities and the relationships between theentities present in a database. A logical data model represents the organization of a set ofdata by standardizing the people, places, things (entities) and the rules and relationships between them using a standard language and notation. It provides a conceptual abstractoverview of the structure of the data. In my logical data model I have tried to visualize the logical relation among different entities in my system[6].

3.5.1 Logical Data Model of Employee Task and Payroll management system

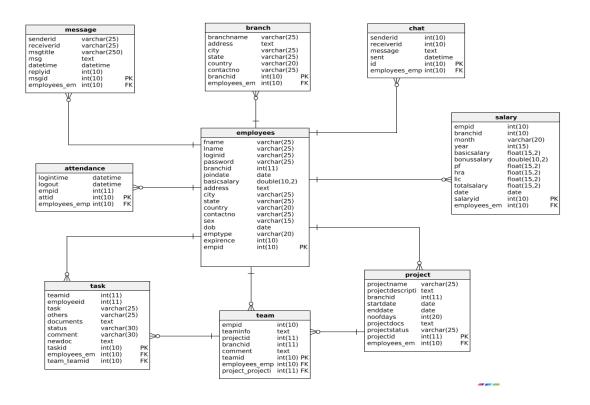


Figure 3.3: Logical Data Model

3.5.2 Description of Logical Data Model

In my system, Employee will handle all supreme activity. That's why he/she has aconnection among every entity in my system. Admin can delete, create or update anyentity of my system. That's why in my logical diagram I have made a strong relationamong all of them. And all are centered into admin. Suppose, one employee submitted awork, first it will go the manager for approval, if it is ok then goes to the work area. So, admin or project head plays a vital role to run this system successfully.

3.6 Entity Relationship Diagram

Entity relationship diagram means the graphical representation of entities and their relationship between each other. The important part of E-R diagram is to organized at a within database. Actually, it's explaining the all structure of every entity. Entity means every table of database. In the previous we describe our systemindividually. But entity relation will describe the system with their actual relation and structure of database. In aword we can say entity relationship is the process how the data is shared within entities.

3.6.1 ER Diagram of Employee Task and Payroll management system

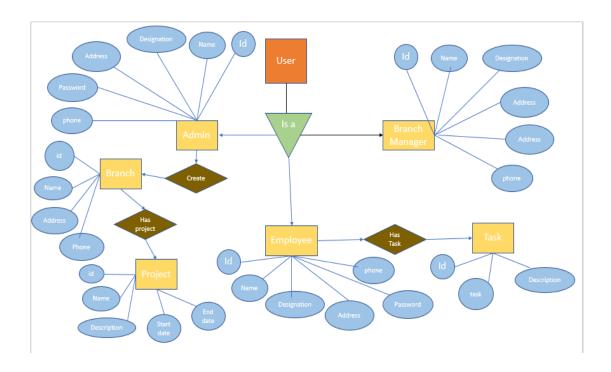


Figure 3.4: ER Diagram of Project Monitoring System

3.6.2 Description of Project Monitoring System ERD

The basic syntax we have already described in section 3.4. But the Figure 3.4 is the actual entity relationship diagram of our system. When admin login in our system he has admin id and password. After login he can see the activity which is described in E-Rmodel. When Employee login in our system that time if he or she has open project, he can see the project update.

CHAPTER 4

Design Specification

4.1 Introduction

My system is totally private. That means only authorized people can access in myapplication. Those are the admin, Branch Manager and Employee. Here is great challenge to make ituser friendly because the aim is to make this project to remove manualcomplexity. Ihope it will do well.

4.2 Front-end Design

In every web application the main structure is a markup language that is HTML.HTMLtags define the content area and metadata of each page. The whole design is maintained by cascading style sheet (CSS) [11]. In our system we have used the latest version of eachlanguage. The whole structure is markup by HTML5 and design part is standing underBootstrap a framework of CSS. We also use so many raw CSS for most customize oursystem. But the main attractive language of our system is JavaScript. We have usedJQuery a framework of JavaScript for making more attraction and user friendly design[7],[8].

4.3 Design Parts

In our system design carries the responsibility of user friendly interface. So at first Ihavebuilt an admin panel then the access menu will be shown at the left sideaccording to eachuser access.

4.3.1 Home page Design

Home page is the first page of the website. Home page contains the information of company and Login page. In this Administrator or Employee can login to the site by entering Login ID and Password.

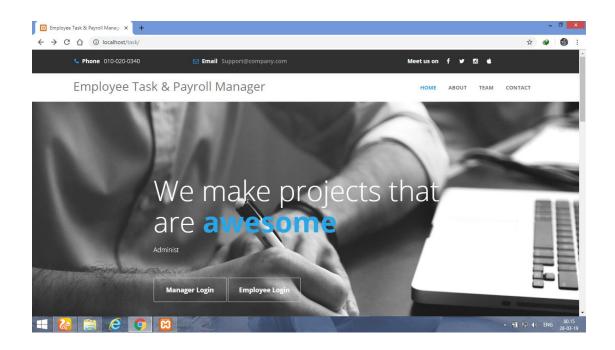


Figure 4.1: Home Page Design

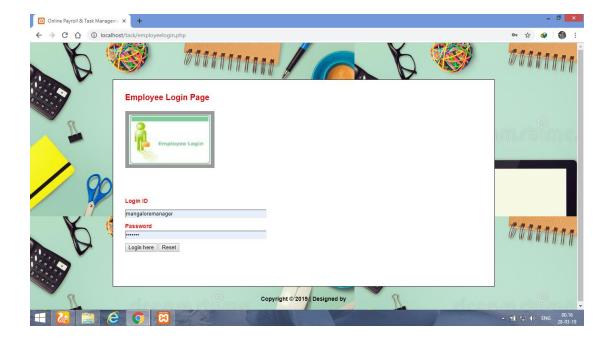


Figure 4.2: Login Page

4.3.2 Admin Panel Design

In this page Administrator will add employee record by entering Employee profile, Experience details, Payroll details, etc. One system creates Employee record Admin will send login information to the employees

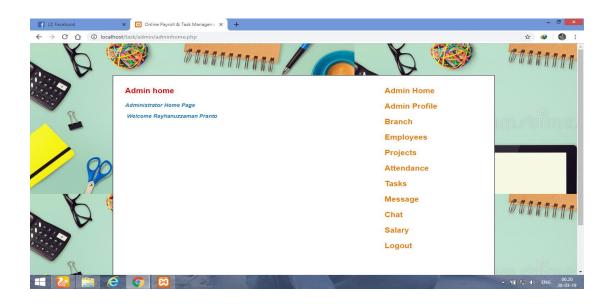


Figure 4.3: Admin Home Page

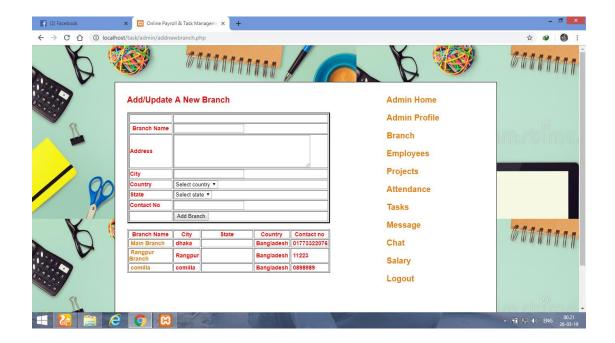


Figure 4.4: Add/Update Branch

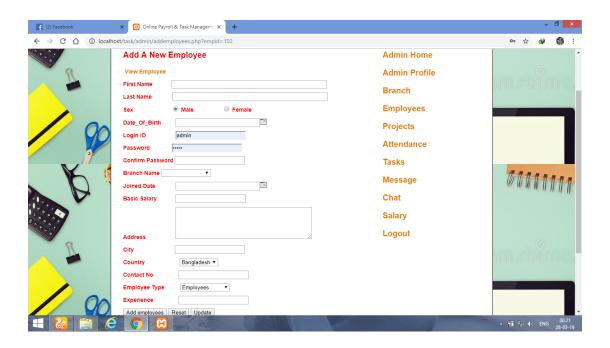


Figure 4.5: Add New Employee

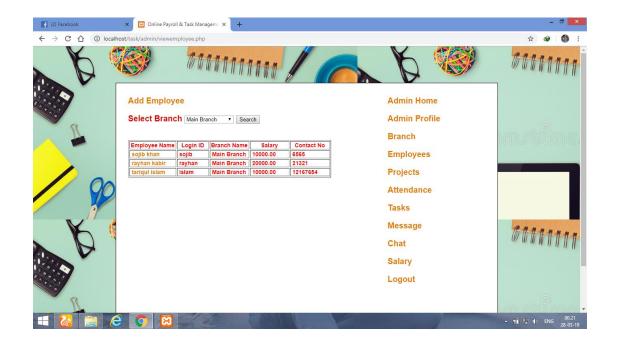


Figure 4.6: View Employee

4.3.3 Projects Design

In this page admin will add different projects and he will schedule Time frame Start time and End Time for those projects. In this module administrator can send project documents, requirements, he can communicate with employees of the company.

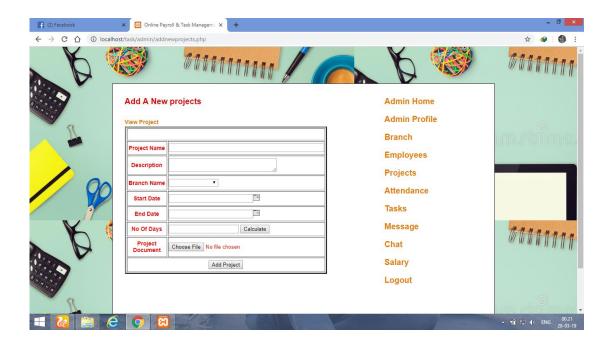


Figure 4.7: Add New Project

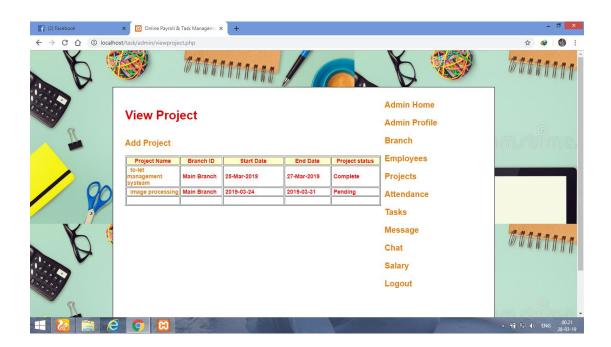


Figure 4.8: View Project Information

4.3.4 Task Design

In this module branch manager or supervisor will assign the task to the employees ofthe company. He will create team and assign task to his team members. Chat option is implemented in this module to communicate with employees and employees can send necessary documents or any information.

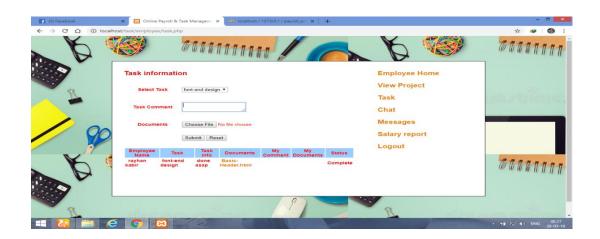


Figure 4.9: Assign Task

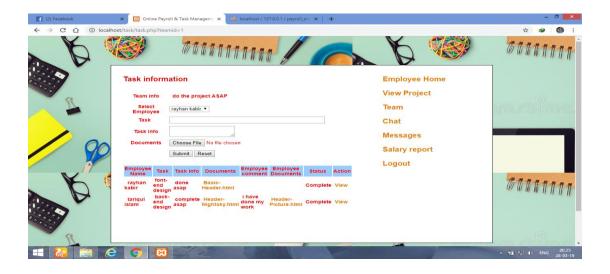


Figure 4.10: Task Information

4.3.5Attendance System Design

In this module employees will submit attendance. Admin or Branch manager will track employee's attendance report i.e.; Login time, Logout time, No. of attended days, etc.



Figure 4.11: Employee Attendance Report

4.3.6 Payroll System Design

In this module Administrator or Branch manager will generate monthly salary to its employees. Generate Basic salary, Deduction, PF, Bonus, LOP (Loss of Pay) are the main features of this module.

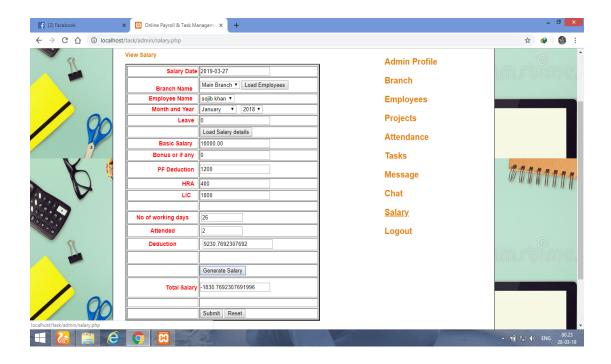


Figure 4.12: Generate Salary for Employee

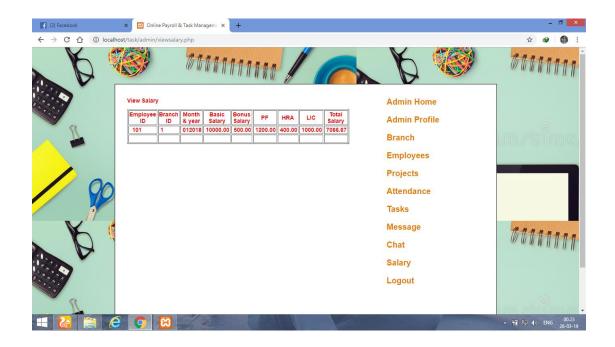


Figure 4.13: View Salary

4.3.7 Other Functions Design

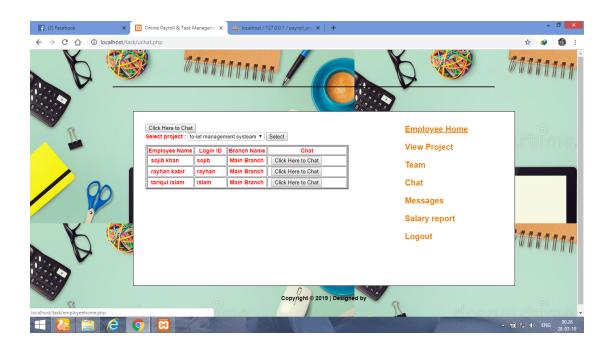


Figure 4.14: Chatting System

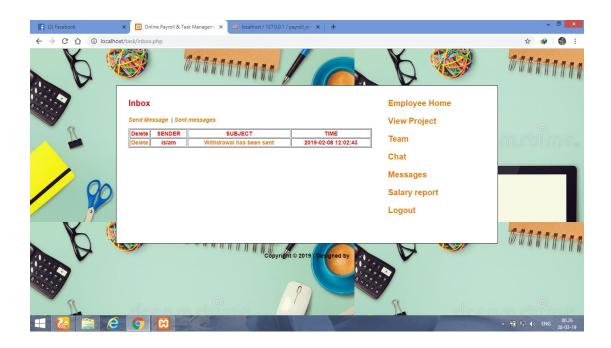


Figure 4.15: Messaging System

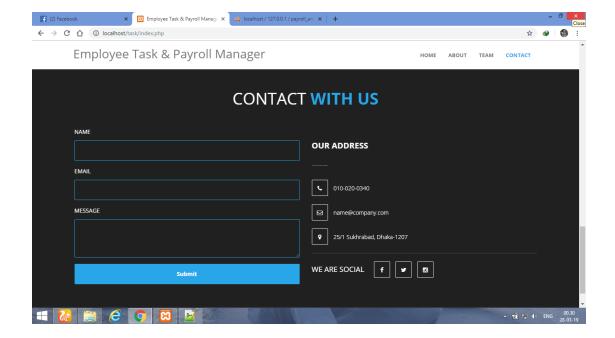


Figure 4.16: Contact with us

4.4. Back-end Design

The back-end design we have implemented the logical part of the Website which is very much crucial as the whole System depends on its successful completion. Back-end Design consists of scripting language or server site languages, automated framework, security, database management, authorization, data processing, data validating, data parsing, data backups and so on. We have developed this projectusing PHP, in here all the logical parts and the hosting site provide us the MySQLdatabase for saving the data information as well as the workflow of the webpage[9].

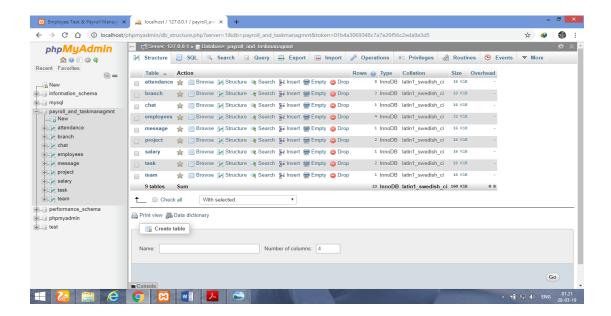


Figure 4.17: Back-end Design (Tables)

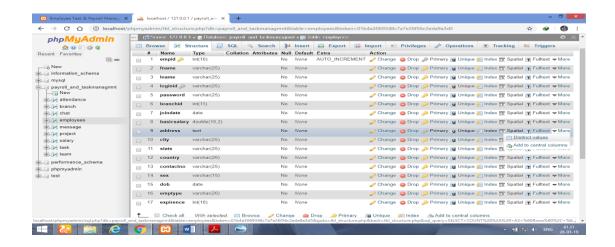


Figure 4.18: Back-end Design (Employee Table Structure)

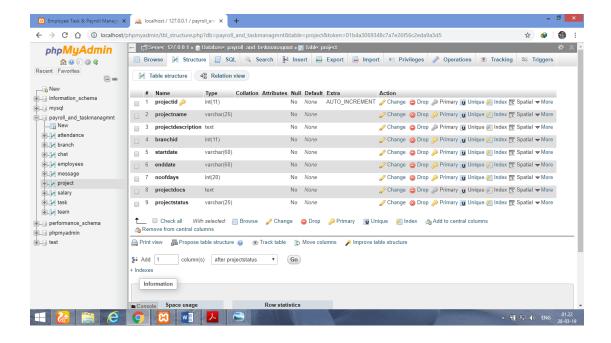


Figure 4.19: Back-end Design (Project Table Structure)

4.5 Implementation Requirements

After developing the databases of the system, the implementation phase emerges andthrough this phase, several activities and techniques were used to develop the websiteandmobile App, as shown in blew. The development of the website starts withdesigning thewebsite structure using HTML5and then the style of the website wasdesigned using CSS3.

After that, enhanced user interfaces and dynamic website were developed using Java Script and JQuery. Later on, the website contents and databases were managed through the use of PHP7. Finally, the panorama was incorporated in the website.

CHAPTER 5

Implementation and Testing

5.1 Implementation of Database

As we use PHP, MySQL and Raw PHP, we constructed a migration table whichdescribes the types of data and the contents attribute. Here MySQL is the model controller of the database. So we did not use any direct SQL query to fulfill actions. In the system, the user can input data directly in the database after checking. For DBMS, we have used PHPMyAdmin.

In the post table, there is some useful information like title description, image, and date. All data parsing and related validation are controlled by the controller to protect from the injection [16].Data-modifying and unwanted data deletions are also performed in the model. Then the model passes the required data to the MySQL database.

5.2 Implementation of Front-end Design

It is very challenging to implement an ordinary UI for the users and according to the the the three th

- Contains three types of users like Admin, Branch Manager, and Employee.
- Every user must fill up the required information fields correctly.
- The user can log in using their valid email and password.
- Password recovery process is available on our website
- The user must use a unique password for security purposes.

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Figure 5.1: Screenshot of Text Mode(Index.php)

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Figure 5.2: Screenshot of Text Mode(Adminhome.php)

5.3. Implementation of Interaction

For making our website (Employee Task and Payroll management system), we have constructed two layers. Firstly, the View layer deals with user screen and Database layer deals with storing data. Besides, we have implemented responsive UI, icon, text

link and button for better user experience. The System design of our site is so userfriendly. Both Admin and Users have to create a profile for proper access to ourWebsite.

5.4. Testing Implementation

Testing implementation is a process of testing the upcoming implementation of the theoresponding system where tester or architect can see test cases and specification, whether it is constructed or not. Developer performs integration testing after completing Unit testing. This process verifies the interfaces and interaction between modules. At the time of integrating, there arise a lot of techniques used by us which are very unique[10].

TABLE 5.1: TEST CASE EVALUATION

Test Case	Test Input	Expected	Obtained	Pass/Fail	Test Date
		Outcome	Outcome		
Registration	Full name,	Show	Fields must	Pass	20/03/2019
	Username,	warning to	be field by		
	Password,	fill all the	proper data		
	Repeat	required			
	Password	fields			
Login	Username,	Successfully	Successfully	Pass	20/03/2019
	Password	Login	Login		
Password	Incorrect	Show	Show	Pass	20/03/2019
	Password	warning	warning		
	or empty				
	field				

5.5. Test Results and Reports

The test report is needed to express testing results in a formal way that gives us a clear concept to estimate testing results fruitfully. It is such a document that records data and other testing information in an organized way. It also defines the environmental or operating conditions and makes a difference between test results and test

objectives. Whether the system is ready or not ready for implementation is also declared in the test report. We get all valid data set from an evaluation via test report. We have to run through various types of testing.

Testing types are given below:

- Functionality
- Regression
- Security
- Performance
- Scalability
- System interoperability
- Disaster recovery
- Usability
- Localization
- Installation.

If the system passes through all the above types of testing, then it is finally ready tolaunch to carry out the usability testing benefits.

- Good quality of the application.
- The system will easier for the user.
- Acceptable application to the user.
- Better User Interface for interaction.
- The new user feels comfortable to use the system.

CHAPTER 6

Conclusion

6.1 Discussion and Conclusion

Every man always wants to find the way to make their life easier and morecomfortable. Every day we depend on many web applications for our daily work. So, we have decided to create a web application for saving the user's time for managing task and payroll. My application software is totally online based so any office can use it without anywire. The main advantage of my application is, I have no installation process and everycomputer has browser. Admin just have to login in application then open project. Branch Manager then assigns the work. Actually, my system decreases the communication gap among admin, employee and the client. It increases the monitoring system and employee will also more attentive and concern about their projectas every work will be saved in online. So, it will be the reputation issue of employee. On the other hand, Admin can monitor the process online, this process decrease the communication gap and Employee can participate from home and also give necessary suggestion.

The system will build up communication between Employee and Branch Manager throughAdmin. It will savetime andreduce paperwork. No chance of losing any sort of data during transaction. The systemwill be come with more upgrades and new feature in future. It will be more upgradedwith its web interface layout.

6.2 Scope for Further Developments

In future our main target is to make mobile application for our system. Today's theSmartphone users are increasing day by day. Most of the employee use apps forcustomize their work without browsing website [15]. So it is necessary to make amobileapplication for our system. When I will lounge it employee need not browseour wholesystem, only open the application and submit their event works.

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APPENDICES

Appendix A:Some source Code:

For index:

```
<!DOCTYPE html>
<htmllang="en">
      <head>
            <metacharset="utf-8">
            <!--
        Awesome Template
        http://www.templatemo.com/preview/templatemo 450 awesome
            <title>Employee Task &Payroll Management Systeam</title>
            <metaname="keywords"content="">
            <metaname="description"content="">
            <metahttp-equiv="X-UA-Compatible"content="IE=Edge">
            <metaname="viewport"content="width=device-width, initial-</pre>
scale=1">
            <linkrel="stylesheet"href="css/animate.min.css">
            <linkrel="stylesheet"href="css/bootstrap.min.css">
            <linkrel="stylesheet"href="css/font-awesome.min.css">
      <linkhref='http://fonts.googleapis.com/css?family=Open+Sans:400</pre>
,300,600,700'rel='stylesheet'type='text/css'>
            <linkrel="stylesheet"href="css/templatemo-style.css">
            <scriptsrc="js/jquery1.js"></script>
            <scriptsrc="js/bootstrap.min.js"></script>
<scriptsrc="js/jquery.singlePageNav.min.js"></script>
            <scriptsrc="js/typed.js"></script>
            <scriptsrc="js/wow.min.js"></script>
            <scriptsrc="js/custom.js"></script>
      </head>
      <bodyid="top">
            <!-- start preloader -->
            <divclass="preloader">
                  <divclass="sk-spinner sk-spinner-wave">
                  <divclass="sk-rect1"></div>
                  <divclass="sk-rect2"></div>
                  <divclass="sk-rect3"></div>
                  <divclass="sk-rect4"></div>
                  <divclass="sk-rect5"></div>
            </div>
      </div>
      <!-- end preloader -->
<!-- start header -->
<header>
<divclass="container">
<divclass="row">
<divclass="col-md-3 col-sm-4 col-xs-12">
<iclass="fafa-phone"></i><span> Phone</span>010-020-0340
</div>
<divclass="col-md-3 col-sm-4 col-xs-12">
```

```
<iclass="fafa-envelope-o"></i><span>
Email</span><ahref="#">Support@company.com</a>
</div>
<divclass="col-md-5 col-sm-4 col-xs-12">
<ulclass="social-icon">
<span>Meet us on</span>
<ahref="#"class="fafa-facebook"></a>
<ahref="#"class="fafa-twitter"></a>
<ahref="#"class="fafa-instagram"></a>
<ahref="#"class="fafa-apple"></a>
</div>
</div>
</div>
</header>
<!-- end header -->
     <!-- start navigation -->
           <navclass="navbarnavbar-default templatemo-nav"</pre>
role="navigation">
                 <divclass="container">
                       <divclass="navbar-header">
                             <buttontype="button"class="navbar-</pre>
toggle" data-toggle="collapse" data-target=".navbar-collapse">
                                   <spanclass="icon icon-</pre>
bar"></span>
                                   <spanclass="icon icon-</pre>
bar"></span>
                                   <spanclass="icon icon-</pre>
bar"></span>
                             </button>
                             <ahref="#"class="navbar-brand">Employee
Task & Payroll Manager </a>
                       </div>
                       <divclass="collapse navbar-collapse">
                             <ulclass="navnavbar-navnavbar-right">
                                   <ahref="#top">HOME</a>
     <ahref="#about">ABOUT</a>
                                   <ahref="#team">TEAM</a>
     <ahref="#contact">CONTACT</a>
                             </div>
                 </div>
           </nav>
           <!-- end navigation -->
     <!-- start home -->
      <sectionid="home">
           <divclass="container">
                 <divclass="row">
                       <divclass="col-md-offset-2 col-md-8">
                             <h1class="wow fadeIn" data-wow-
offset="50" data-wow-delay="0.9s">We make projects that are
<span>awesome</span></h1>
                             <divclass="element">
<divclass="sub-element">Administrato:- The administrator is a super
user and he has complete control over all activities the can be
```

```
performed. The administrator can view Branch details, Employee
details, task details, salary details, etc.</div>
<divclass="sub-element">Brach Manager:- The branch manager who
handles employees and he assign tasks to his employees.</div>
<divclass="sub-element">Employees:- Employees are the co-workers and
they will complete the task given by the branch manager.</div>
</div>
                              <a data-scroll
href="employeelogin.php"class="btnbtn-default wow fadeInUp" data-wow-
offset="50" data-wow-delay="0.6s">Manager Login</a>
                                    <a data-scroll
href="employee/index.php"class="btnbtn-default wow fadeInUp" data-
wow-offset="50" data-wow-delay="0.6s">Employee Login</a>
                        </div>
                  </div>
            </div>
      </section>
      <!-- end home -->
      <!-- start about -->
            <sectionid="about">
                  <divclass="container">
                        <divclass="row">
                               <divclass="col-md-12">
                               <h2class="wow bounceIn" data-wow-
offset="50" data-wow-delay="0.3s">WE ARE <span>AWESOME</span></h2>
                        </div>
                               <divclass="col-md-4 col-sm-4 col-xs-12</pre>
wow fadeInLeft" data-wow-offset="50" data-wow-delay="0.6s">
                                    <divclass="media">
                                           <divclass="media-heading-
wrapper">
                                                 <divclass="media-
object pull-left">
                                                       <iclass="fafa-
mobile"></i>
                                                 </div>
                                                 <h3class="media-
heading">FULLY RESPONSIVE</h3>
                                           </div>
                                           <divclass="media-body">
                                                 Awesome responsive
template is provided by
<arel="nofollow"href="http://www.templatemo.com"target=" parent">temp
latemo</a> website. This is Bootstrap v3.3.2 layout built on HTML5
CSS3. You can use this for any purpose. Please tell your friends
about it.
                                           </div>
                                     </div>
                               </div>
                               <divclass="col-md-4 col-sm-4 col-xs-12</pre>
wow fadeInUp" data-wow-offset="50" data-wow-delay="0.9s">
                                     <divclass="media">
                                           <divclass="media-heading-
wrapper">
                                                 <divclass="media-
object pull-left">
                                                       <iclass="fafa-
comment-o"></i></i>
                                                 </div>
```

```
<h3class="media-
heading">FREE SUPPORT</h3>
                                          </div>
                                          <divclass="media-body">
                                                 Credits go to
<arel="nofollow"href="http://pixabay.com">Pixabay</a> for homepage
image and <arel="nofollow"href="http://unsplash.com">Unsplash</a> for
portfolio images. Loremipsum dolor sit amet,
consecteturadipiscingelitquisque tempus ac egetdiam et
laoreetphasellusut nisi id leomolestie.
                                    </div>
                              </div>
                              <divclass="col-md-4 col-sm-4 col-xs-12</pre>
wow fadeInRight" data-wow-offset="50" data-wow-delay="0.6s">
                                    <divclass="media">
                                          <divclass="media-heading-
wrapper">
                                                <divclass="media-
object pull-left">
                                                      <iclass="fa fa-
html5"></i>
                                                </div>
                                                <h3class="media-
heading">HTML5 &CSS3</h3>
                                          </div>
                                          <divclass="media-body">
                                                Loremipsum dolor
sit amet, consecteturadipiscingelitquisque tempus ac
egetdiametlaoreetphasellusut nisi id leomolestie. Adipiscing vitae
vel quam proinegetmauriseget.Loremipsum dolor sit amet.
                                          </div>
                                    </div>
                              </div>
                        </div>
                  </div>
            </section>
            <!-- end about -->
      <!-- start team -->
      <sectionid="team">
            <divclass="container">
                  <divclass="row">
                        <divclass="col-md-12">
                              <h2class="wow bounceIn" data-wow-
offset="50" data-wow-delay="0.3s"><span>AWESOME</span> TEAM</h2>
                        </div>
                        <divclass="col-md-3 col-sm-6 col-xs-12 wow</pre>
fadeIn" data-wow-offset="50" data-wow-delay="1.3s">
                              <divclass="team-wrapper">
                                    <imqsrc="images/team-</pre>
img1.jpg"class="img-responsive"alt="team img 1">
                                          <divclass="team-des">
                                                <h4>TRACY</h4>
                                                <span>Designer
                                                Loremipsum dolor
sit amet, consecteturadipiscingelitquisque tempus ac egetdiam et
laoreetphasellusut nisi id leo molest.
                                          </div>
                              </div>
```

```
</div>
                         <divclass="col-md-3 col-sm-6 col-xs-12 wow</pre>
fadeIn" data-wow-offset="50" data-wow-delay="1.6s">
                               <divclass="team-wrapper">
                                     <imgsrc="images/team-</pre>
img2.jpg"class="img-responsive"alt="team img 2">
                                           <divclass="team-des">
                                                  < h4 > MARY < /h4 >
      <span>Developer
                                                  Loremipsum dolor
sit amet, consecteturadipiscingelitquisque tempus ac egetdiam et
laoreetphasellusut nisi id leo molest.
                                           </div>
                               </div>
                         </div>
                  </div>
            </div>
      </section>
      <!-- end team -->
      <!-- start service -->
      <!-- end servie -->
      <!-- start portfolio -->
      <!-- end portfolio -->
      <!-- start contact -->
      <sectionid="contact">
            <divclass="container">
                  <divclass="row">
                         <divclass="col-md-12">
                               <h2class="wow bounceIn" data-wow-
offset="50" data-wow-delay="0.3s">CONTACT <span>AWESOME</span></h2>
                         <divclass="col-md-6 col-sm-6 col-xs-12 wow</pre>
fadeInLeft" data-wow-offset="50" data-wow-delay="0.9s">
                               <formaction="#"method="post">
                                     <label>NAME</label>
      <inputname="fullname"type="text"class="form-</pre>
control"id="fullname">
<label>EMAIL</label>
      <inputname="email"type="email"class="form-control"id="email">
<label>MESSAGE</label>
      <textareaname="message"rows="4"class="form-</pre>
control"id="message"></textarea>
<inputtype="submit"class="form-control">
                               </form>
                         </div>
                         <divclass="col-md-6 col-sm-6 col-xs-12 wow</pre>
fadeInRight" data-wow-offset="50" data-wow-delay="0.6s">
```

```
<address>
                                 <pclass="address-title">OUR
ADDRESS
                                 <span>....
                                 <iclass="fafa-phone"></i> 010-
020-0340
                                 <iclass="fafa-envelope-o"></i>
name@company.com
                                 <iclass="fafa-map-marker"></i>
25/1 Sukhrabad, Dhaka-1207
                           </address>
                           <ulclass="social-icon">
                                 <h4>WE ARE SOCIAL</h4>
                                 <ahref="#"class="fafa-</a>
facebook"></a>
                                <ahref="#"class="fafa-</a>
twitter"></a>
                                <ahref="#"class="fafa-</a>
instagram"></a>
                           </div>
                </div>
          </div>
     </section>
<footerid="copyright">
<divclass="container">
<divclass="row">
<divclass="col-md-12 text-center">
<pclass="wow bounceIn" data-wow-offset="50" data-wow-delay="0.3s">
     Copyright © 2084 Company Name
</div>
</div>
</div>
</footer>
     </body>
</html>
```

ORIGIN	NALITY REPORT		
3 SIMILA	% % ARITYINDEX INTERNET SOURCES	3% PUBLICATIONS	% STUDENT PAPERS
PRIMAF	RY SOURCES	5	
1	Bahman Zohuri, Masou "Chapter 10 What Is Daw Warehousing Perspective 2017 Publication	ta Analysis fror	n Data
2	Mohammad Nazmul Ha Reconstruction Techniq Using Graphics Process Communications in Con Science, 2011	ue for Medical sing Unit",	2.3
3	Zhu, Xinwei, Guobin Zhu, Seppe vanden Broucke, and Jan Recker. "On Merging Business Process Management and Geographic Information Systems: Modeling and Execution of Ecological Concerns in Processes", Communications in Computer and Information Science, 2015. Publication		