Workers Work Review

(Web service)

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This Project report has been submitted in fulfillment of the requirements for the Degree of

Bachelor of Science in Software Engineering.

Fall-2019

Declaration

I hereby declare that I carried out the work reported in this report in the Department of Software Engineering, Daffodil International University, under the supervision of Md. Habibur Rahman. I solemnly declare that to the best of our knowledge, no part of this report has been submitted here or elsewhere in a previous application for award or degree. All source of knowledge used have been duly acknowledgement. The project works entitled "Workers Work Review", all the design and development of my personal effort.

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ACKNOWLEDGEMENT

As it is true for everyone, I have also arrived at this point of achieving a goal in my life through various interactions with and help from other people. I would not like to make efforts to find best words to express my thankfulness other than simply listing those people who have contributed to this project itself in an essential way. This work has been carried out in the Department of Software Engineering at Daffodil International University, Bangladesh.

First, I would like to express my deepest thanks to my honorable teacher **Md. Habibur Rahman, Lecturer**, Department of SWE, Daffodil International University, Dhaka. Deep knowledge & keen interest of my supervisor in the field of technology influenced me to carry out this project. His endless patience, scholarly guidance, continual encouragement, constant and energetic supervision, constructive criticism, valuable advice, reading many inferior draft and correcting them at all stage have made it possible to complete this project.

I would like to express my heartiest gratitude to **Dr. Touhid Bhuiyan, Head, Department of SWE,** for his kind help to finish our project and also to other faculty member and the staff of SWE department of Daffodil International University.

My contribution to this project would not have been possible without the encouragement and cordial help of our entire course mate in Daffodil International University, who took part in this discuss while completing the course work.

Finally, I would like to express my appreciation to the readers, reviewers of this document who will send me criticisms for further improvement.

DEDICATION

At first I dedicate this work to Almighty Allah for His blessing that makes me possible to complete this successfully. Almighty Allah gave me the power and confidence to done my project and this document. I also dedicate this work to my parents who always love me and pray for me and I also dedicate this work to my university and its people who always support me most.

ABSTRACT

This project is "Workers Work Review". The purpose of my work is to develop an online platform where employee/workers will get there task and time. They can submit the proof of their task and can get review on their task from their authority. This will help Employer and Employee to manage their task with punctuality and responsibility.

Any system development should follow some rules and regulation for quality output. Here I am following the Waterfall model. This project reports describes the software development process based on Waterfall Model. Waterfall Model supports better understanding of requirements capture, clear and specific design solutions using simple pictorial representation understandable to both designers and users.

This report will help the designers, developers who will attempt to carry out future development and maintain the system. It will also be necessary for the users who will operate this system.

After implementation of all functions, the system is tested in different stages and it works successfully as a prototype.

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CHAPTER: 01

1. Introduction

1.1. Project Overview

"Workers Work Review" is a web project to help the Workers/Employees to get the task and complete the task in time and Employers to give the task to the employees and management the time table.

This service will show the responsibilities and punctuality of the workers.

1.2. The Purpose of the Project

"Workers Work Review" this is a web application where Employer will create task for and Employee which will also contain a timer. So, the system & Company will be able to monitor the employee's punctuality. And employees prove of the task will show how he/she did the task. Which will show the how he/she complete the task.

1.2.1. Background

In real life, we see that,

- Employer cannot **track employee**.

- Employee cannot **manage time**.

- Hard to make **Employee report**.

- Not possible to **reward** always.

So, I will make a system where all of these will be solved.

1.2.2. Benefits & Beneficiaries

So, I will make a website where Employer can,

- **Create Employee & Task** and **Assign the Task** to an Employee

- **Evaluate Employee Task**

- **Track Task Completion Time**

- Check **Attendance**.

Employee will,

- **Upload Task text/ pdf/ image file.**

- **Give Attendance**.

- See the Deadline.

1.2.3. Goal of the Project

It will create a report or graph which will show the company's achievement and employee's performance.

1.3. Stakeholders

There are two types of stockholders.

1. Employer
2. Employee

1.4. Proposed System Model (Block Diagram)
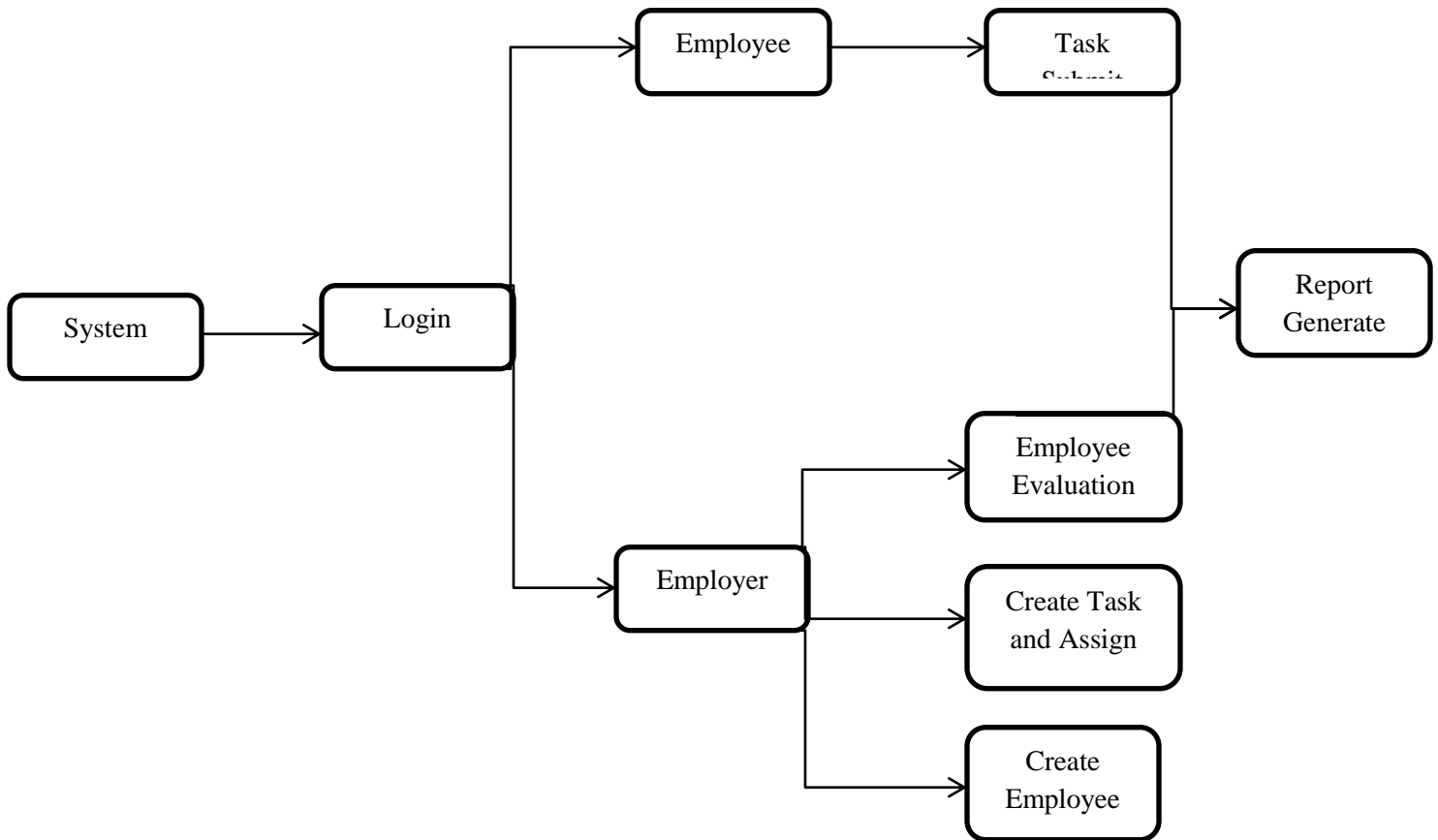
Figure 1: Block Diagram

1.5. Project Schedule
1.5.1. Gantt Chart

Table 01: Gantt Chart

Task/Date	Start Date	End Date	Status
Proposal	05-02-2019	10-02-2019	Compete
Requirements	20-02-2019	02-03-2019	Compete
Design	03-03-2019	05-08-2019	Compete
Implementation	01-05-2019	30-07-2019	Compete
Testing	01-06-2019	05-08-2019	Compete
Documentation	10-07-2019	17-08-2019	Compete

CHAPTER: 2

2. Software Requirement Specification

2.1. Performance Requirements

2.1.1. Speed and Latency Requirements

1. Data should update in database within 1 second.
2. Query should bring result within 2 seconds.
3. UI design should load within 7 seconds.
4. Validation error should show within 1 second.

2.1.2. Precision or Accuracy Requirements

1. After login the index should show the accurate data for the specific user.
2. The project file and screenshot should accurate in the required form.
3. The registration form should provide accurate data to store in database.
4. The user should get accurate data which is assigned to them.

2.1.3. Capacity Requirements

1. Not more than 1000000 users to be registered.
2. Not more than 10000 users should login at the same time.

2.2. Dependability Requirements

2.2.1. Reliability Requirements

1. The user registration should register a new user and update database with given input.
2. Log in should perform when the correct user name and password is given.
3. Admin would check the user activity
4. User post would be deleted by admin
5. User can edit delete their post.
6. Admin can delete user account from database

2.2.2. Availability Requirements

1. The system should available 24 hours a day and 7 days a week.
2. The system should perform activities immediately upon user request.
3. The system should run in any web browser.

2.3. Maintainability and Supportability Requirements

2.3.1. Maintenance Requirements

1. Modify the system when the software environment changes.
2. Fix bug when the system is corrupted.
3. Fix accidental data mistakes by user.

2.3.2. Supportability Requirements
1. Provide documentation for user guidance.

2.4. Security Requirements

2.4.1. Access Requirements

1. Only registered user can login to the system.
2. Only the default user holding the role of admin who can approve the upload project and delete/reject the project.

2.5. Usability and Human-Interaction Requirements

2.5.1. Ease of Use Requirements

1. The system UI should user friendly.
2. The system should operate the project list.
3. The new user should learn the system.
4. The system maintenance should not complex.

2.5.2. Understandability and Politeness Requirements

1. Any user should understand the system.

2. Non-technical person should operate also.

2.5.3. Accessibility Requirements

1. The system should accessible from any other devices.
2. User should access their account within a request.

2.6. Look and Feel Requirements

2.6.1. Style Requirements

"Workers Work Review" will be very simple with design. It's main focus on reliability. It will be the company's internal system. It won't work with the customer. Employer and Employee will use it for task giving and submitting purpose. And the system will generate a result on the activity.

2.7. Legal Requirements

2.7.1. Standards Requirements

1. User would register by any their email

CHAPTER: 03

3. System Analysis

3.1. Use Case Diagram
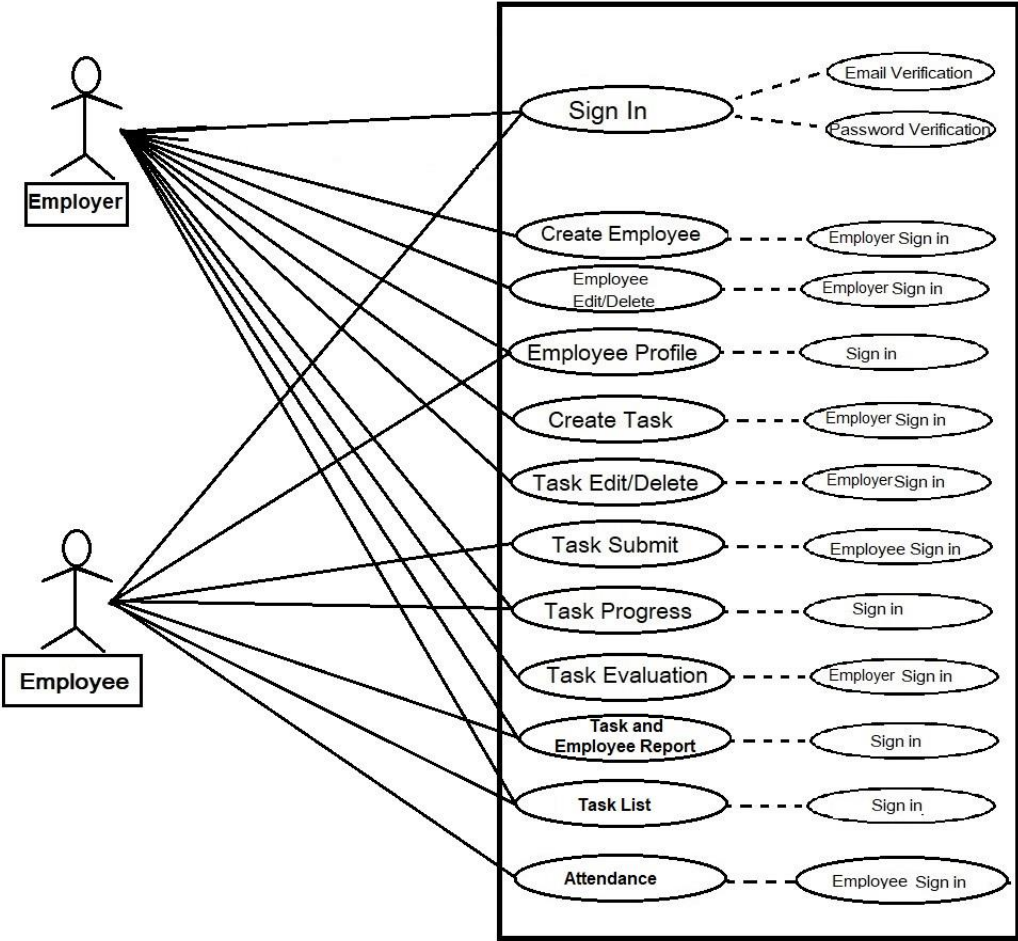
Figure 2: Use Case Diagram

3.2. Use Case Description

3.2.1. Actor Perspective Use Case: Employer and Employee Sign In

Table 02: Use Case Sign in

Use Case name:	Sing in	
Scenario:	Employer and Employee Sign in	
Brief Description:	Every Employee will be created by an Employer. A Employer could be an employee too. Both of them have their own limited access to the system.	
Actor:	Employee and Employer	
Precondition:	Employer should create an Employee and give them a password. Employee will then change the password.	
Post Condition:	Must confirm that user is registered.	
Follow of Events	Employer and Employee	System
	1. Both user must be registered. 2. Both user are separate	1. Confirm the valid email 2. Confirm valid Password
Exception Condition	1. Must be needed valid email and password to login.	

3.2.2. Actor Perspective Use Case: Create Employee

Table 03: Use Case Create Employee

Use Case name:	Create Employee	
Scenario:	Employer will create Employee	
Brief Description:	An Employer will be created by at first who will create all other Employee and give them access and make them Employee/Employer.	
Actor:	Employer	
Precondition:	Employer should sign in first. Employer will fill up the registration form for the Employee and give Employee a username/email and Password.	
Post Condition:	Confirm that the Employee is created with proper access.	
Follow of Events	Employer	System
	1. Employer must have access in "Create Employee". 2. Employer should be signed in.	1. Confirm the required fields are filled up. 2. Email is valid.
Exception Condition	1. Employer cannot create an Employee if he/she doesn't have access	

3.2.3. Actor Perspective Use Case: Employee Edit/Delete
Table 04: Use Case Employee Edit/Delete

Use Case name:	Employee Edit/Delete	
Scenario:	An Employer will Edit/Delete Employee's details.	
Brief Description:	Specific types of Employer will be allowed to edit/delete an Employee. Designation will specify them. Employer cannot edit/delete his/her own profile.	
Actor:	Employer	
Precondition:	Employee should be created first. If the Employer has access to the Edit/Delete option, he/she will be able to do that. Employer cannot edit his/her own profile. Employer should be signed in.	
Post Condition:	Confirm that Employee is Edited as it required. If it needs to be deleted, check it is deleted from the Employee list.	
Follow of Events	Employer	System
	1. Edit/Delete will be done by an Senior Employer. 2. Employer should be signed in.	1. Give access to the senior employer to edit/delete. 2. Prevent employer to edit his/her own profile. 3. Check user is signed in.
Exception Condition	1. Password won't update here.	

3.2.4. Actor Perspective Use Case: Employee Profile
Table 05: Use Case Employee Profile

Use Case name:	Employee Profile	
Scenario:	Both user can see the employees' profile.	
Brief Description:	Everyone who has system access can see each other's profile.	
Actor:	Employee and Employer	
Precondition:	User should sign into the system.	
Post Condition:	System will show the Profile information to the user.	
Follow of Events	Employer and Employee	System
	1. User who requested for a profile can see it. 2. User should be signed in.	1. System will show user the requested profile. 2. Check user is signed in.
Exception Condition	1. User must need to be signed in.	

3.2.5. Actor Perspective Use Case: Create Task
Table 06: Use Case Create Task

Use Case name:	Create Task	
Scenario:	Employer will create task and assign it to a employee who is under him/her.	
Brief Description:	Employer who has access on task creation section, can create task after signed into the system. Employer can only assign the task to an employee whose designation is lower than him.	
Actor:	Employer	
Precondition:	Employer should have access to the task creation section. Employer needs to be signed in to the system before crate a task.	
Post Condition:	After create a task, make sure the assigned employee is able to see the task.	
Follow of Events	Employer	System
	1. Access to the task creation section. 2. Signed in before create the task. 3. An employee is assigned to the task.	1. Check the required filled is filled up. 2. Prevent employer to assign a task to thyself or someone who has designation more than him/her.
Exception Condition	1. Employer cannot assign him/her to the created task.	

3.2.6. Actor Perspective Use Case: Task Edit/Delete
Table 07: Use Case Task Edit/delete

Use Case name:	Task Edit/Delete	
Scenario:	Employer will be able to Edit/Delete task details.	
Brief Description:	Specific types of Employer will be allowed to edit/delete a task. Designation will specify them. Employer cannot edit/delete a task which is assigned on him/her.	
Actor:	Employer	
Precondition:	Task should be created first. If the Employer has access to the task Edit/Delete option, he/she will be able to do that. Employer cannot edit his/her own task. Employer should be signed in.	
Post Condition:	Confirm that task is edited as it is required. If it needs to be deleted, check it is deleted from the task list.	
Follow of Events	Employer	System
	1. Edit/Delete will be done by an Employer who has access to the section. 2. Employer should be signed in.	1. Give access to an eligible employer to edit/delete task. 2. Prevent employer to edit his/her task or someone who has higher designation.
Exception Condition	1. Employer cannot edit/delete his/her own task.	

3.2.7. Actor Perspective Use Case: Task Submit

Table 08: Use Case Task submit

Use Case name:	Task Submit	
Scenario:	Employee will submit his/her task file to the system if it is done.	
Brief Description:	Employee who is assigned to a task can submit the proof of the task completion that task submission part..	
Actor:	Employee	
Precondition:	Employee should have access to the task and employee is signed in. Task file should be zipped in a folder.	
Post Condition:	After submission it cannot be edited until it is rejected by the Employer.	
Follow of Events	Employee	System
	1. Employee needs to be signed in. 2. Employee will submit task file to the assigned task.	1. Employee is signed in. 2. Employee's file format met the requirement.
Exception Condition	1. Employee can cannot unsubmit until it is rejected by the Employer.	

3.2.8. Actor Perspective Use Case: Task progress

Table 09: Use Case Task progress

Use Case name:	Task Progress	
Scenario:	Both users who have access can see the task progress.	
Brief Description:	Both users can see the task progress if they are signed in. After employees task submission it will appear to the Task Progress section. Employer can reject the task from here. Employer can make it done and then task will go for evaluation.	
Actor:	Employer and Employee	
Precondition:	Sign in, task creation and task submission should be done first. After that assigned people can see the task progress. Assigned Employer can reject the task.	
Post Condition:	After Rejection the task from the Task Progress section it should be delete the file. And the task submit will appear for the employee again. If task is okay, Employer will make it done and task will go for evaluation.	
Follow of Events	Employer and Employee	System
	1. Employee's submitted task will appear here. 2. Employer can reject it or make it done.	1. System will identify employer and give him/her access to the reject and done button.
Exception Condition	1. Employer cannot find reject/done button in his/her task progress section. There he/she will be an employee.	

3.2.9. Actor Perspective Use Case: Task Evaluation
Table 10: Use Case Task Evaluation

Use Case name:	Task Evaluation	
Scenario:	Employer will be able to evaluate the task submitted and done from progress.	
Brief Description:	If progress is done, the task will go for evaluation. It could be only evaluated by the assigned employer. After evaluation system will generate a report for the task and update the employee's report.	
Actor:	Employer	
Precondition:	Sign in, task creation, task submission and progress should be done first. After that assigned employers can see the task evaluation.	
Post Condition:	After evaluation it will generate a mark which will help the system to generate a report for the task.	
Follow of Events	Employer	System
	1. Assigned employer will be able to do evaluate. 2. Evaluation mark will go for report generation.	1. Employer is signed in. 2. Employer filled up all the required filled in evaluation process.
Exception Condition	1. Employer cannot evaluate his/her own task.	

3.2.10. Actor Perspective Use Case: Task and Employee Report
Table 11: Use Case Task and Employee Report

Use Case name:	Task and Employee Report	
Scenario:	Both users who have access can see the task and employee report.	
Brief Description:	If evaluation part is done, system will generate a report for the specific task and update the employee report. Anyone who can sign into the system can view these report.	
Actor:	Employer and Employee	
Precondition:	Any signed in user can view the employee and task report. Report button will appear on the Task and Employee list.	
Post Condition:	System will show the report to the signed in users who requested to view reports.	
Follow of Events	Employer and Employee	System
	1. If a user want to see task or employee report, can see it anytime.	1. User should be signed in.
Exception Condition	1. Not signed in user cannot see the report.	

3.2.11. Actor Perspective Use Case: Task List
Table 12: Use Case Task List

Use Case name:	Task List	
Scenario:	Both signed in users can see the task list.	
Brief Description:	If users signed in and go the task list can view the task created ever.	
Actor:	Employer and Employee	
Precondition:	Any signed in user can view the task list.	
Post Condition:	System will show the task list.	
Follow of Events	Employer and Employee	System
	1. If a user want to see task list, can see it anytime.	1. User should be signed in.
Exception Condition	1. Not signed in user cannot see the task list.	

3.2.12. Actor Perspective Use Case: Attendance
Table 13: Use Case Attendance

Use Case name:	Attendance	
Scenario:	Employee should have given the attendance.	
Brief Description:	After signed in everyday an employee should give his/her attendance in the system. After giving the attendance the button will deactivate. Button will appear again next day predefined time.	
Actor:	Employee	
Precondition:	Any signed in employee will see the attendance section.	
Post Condition:	After giving attendance, the button/section will deactivate. It will appear next scheduled time.	
Follow of Events	Employee	System
	1. First time in a day after signed into the system employee will find the attendance before he/she going to his/her employee section.	1. If Employee didn't give his/her attendance, show them and prevent them to go to their employee section. 2. After giving attendance, deactivate the section until next scheduled time. And let the employee access to his/her employee section for rest of the time.
Exception Condition	1. Not signed in employee cannot give the attendance.	

3.3. Activity Diagram
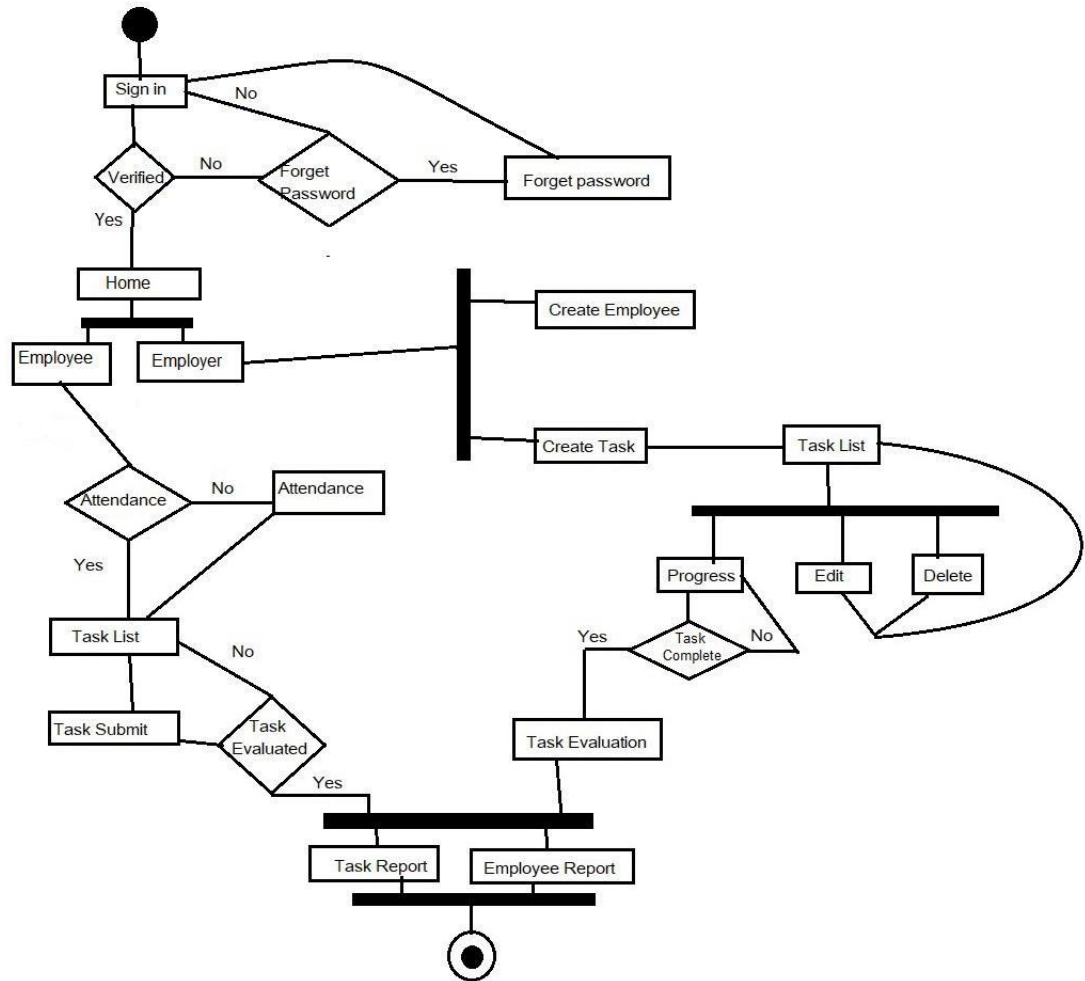
Figure 3:Activity Diagram

3.4. System Sequence Diagram

3.4.1. Action Perspective Sequence Diagram (Employer)

Figure 4: Sequence Diagram

3.4.2. Action Perspective Sequence Diagram (Employee)
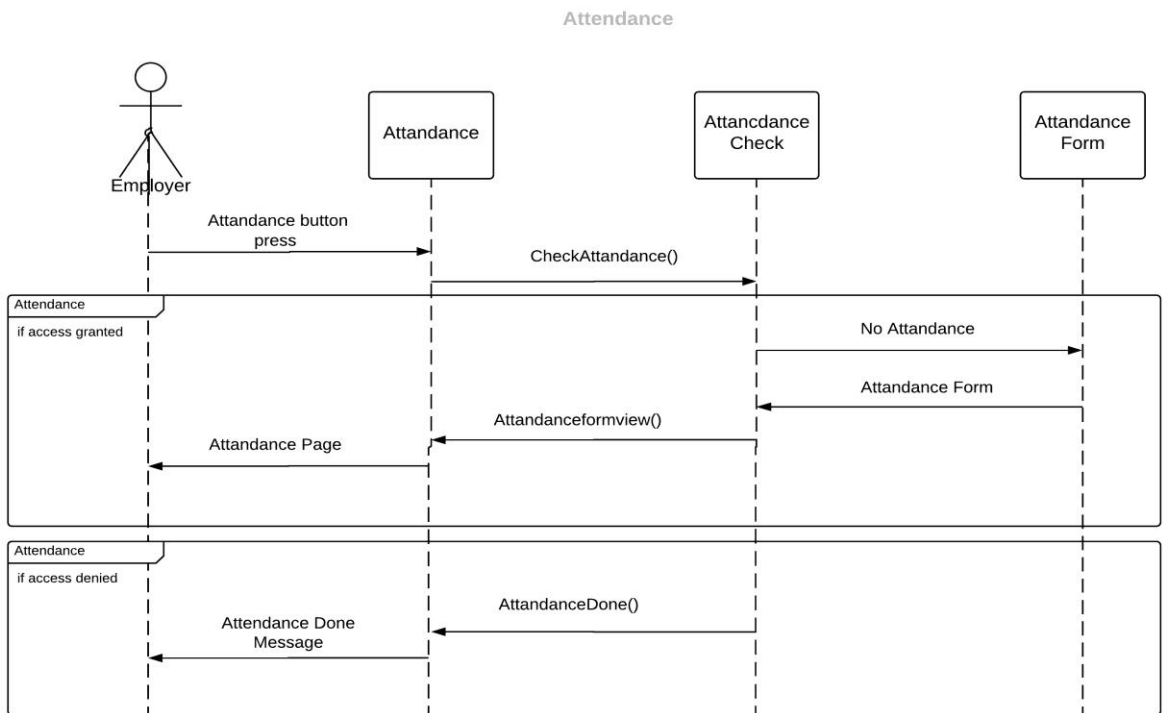
Figure 5: Sequence Diagram

3.4.3. Action Perspective Sequence Diagram (Employee)
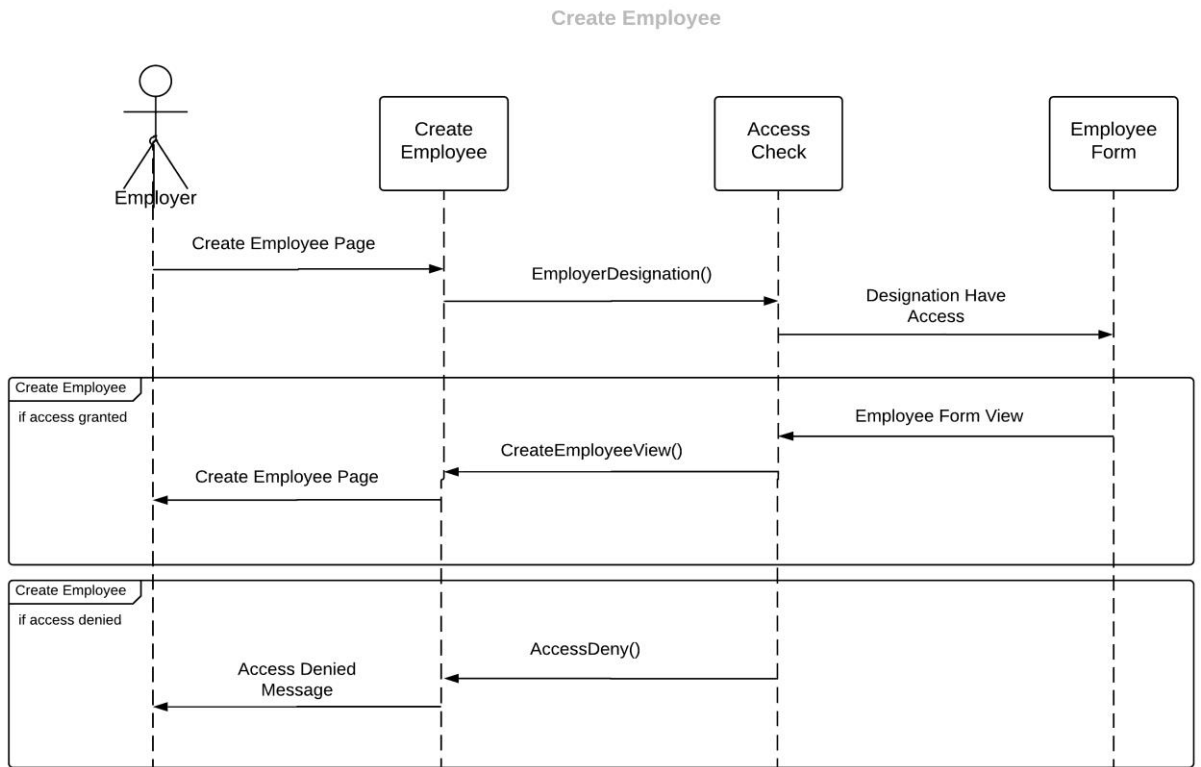
Figure 6: Sequence Diagram

3.4.4. Action Perspective Sequence Diagram (Employee)
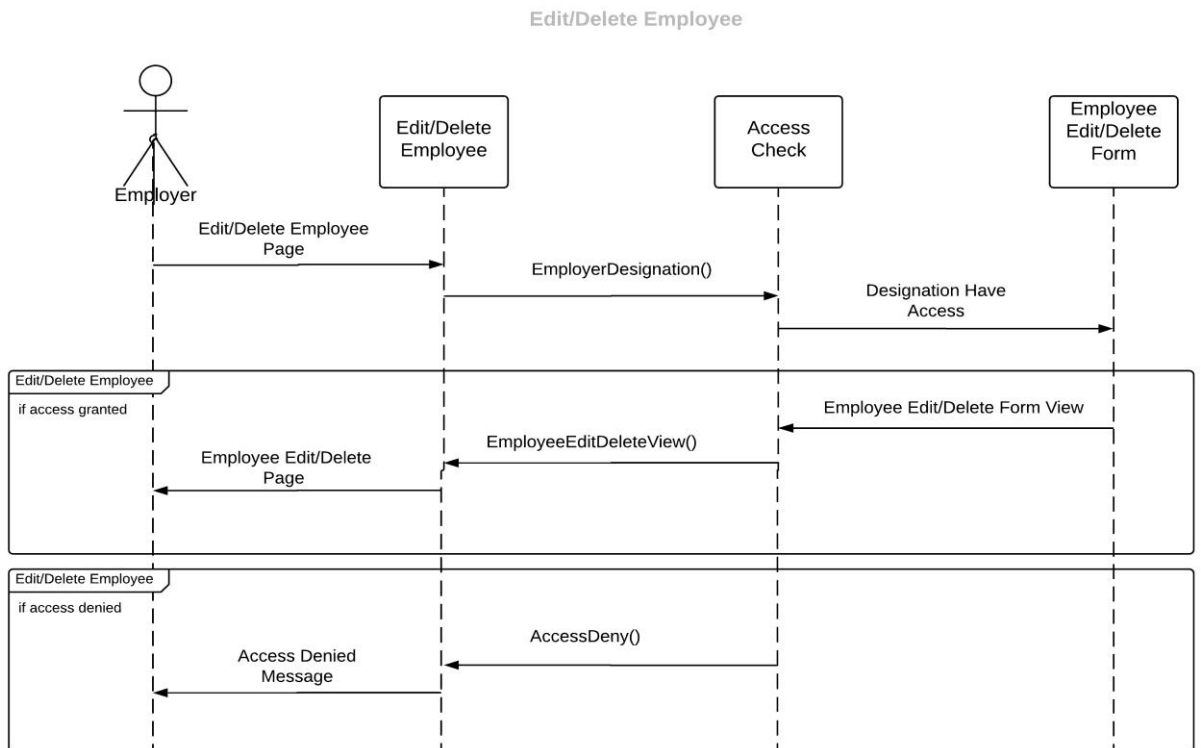
Figure 7: Sequence Diagram

3.4.5. Action Perspective Sequence Diagram (Employee)

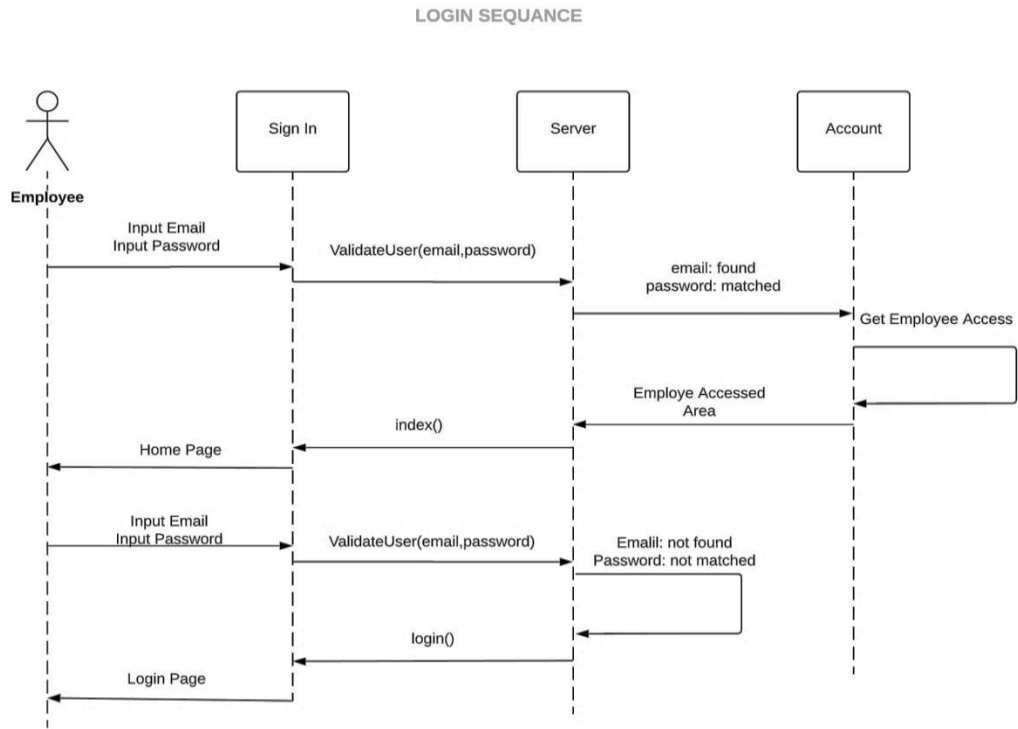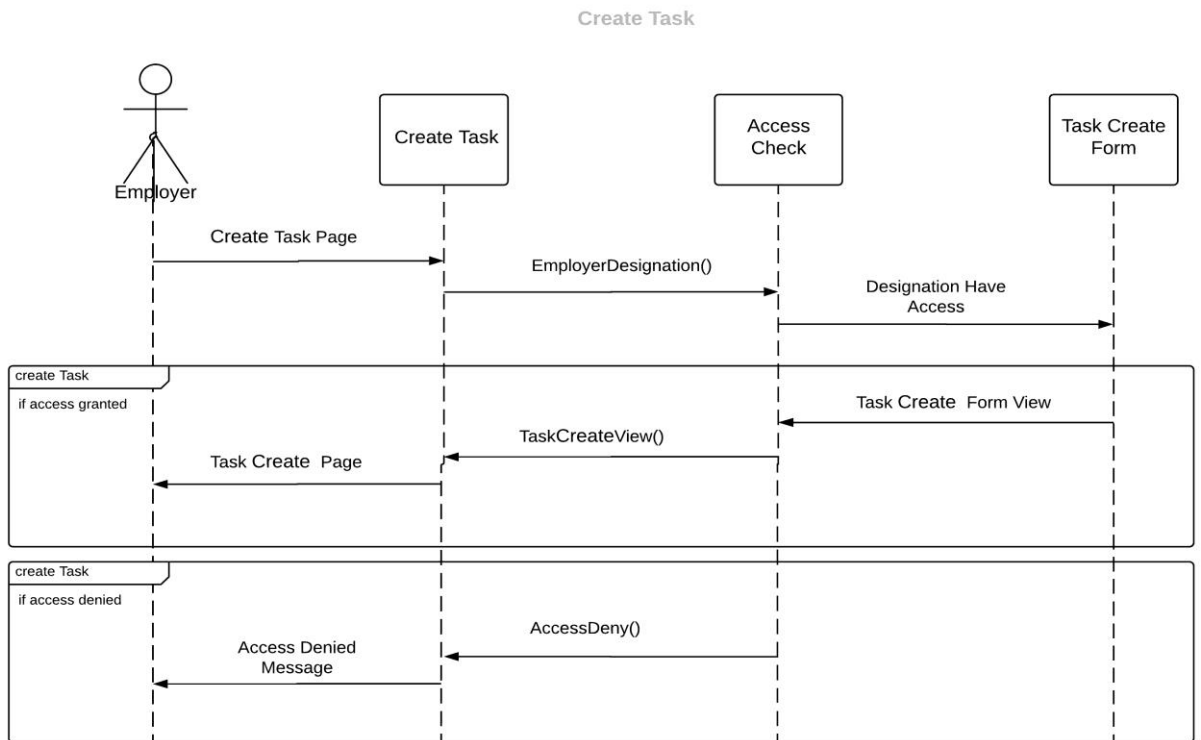*Figure 8: Sequence Diagram*

3.4.6. Action Perspective Sequence Diagram (Employee)
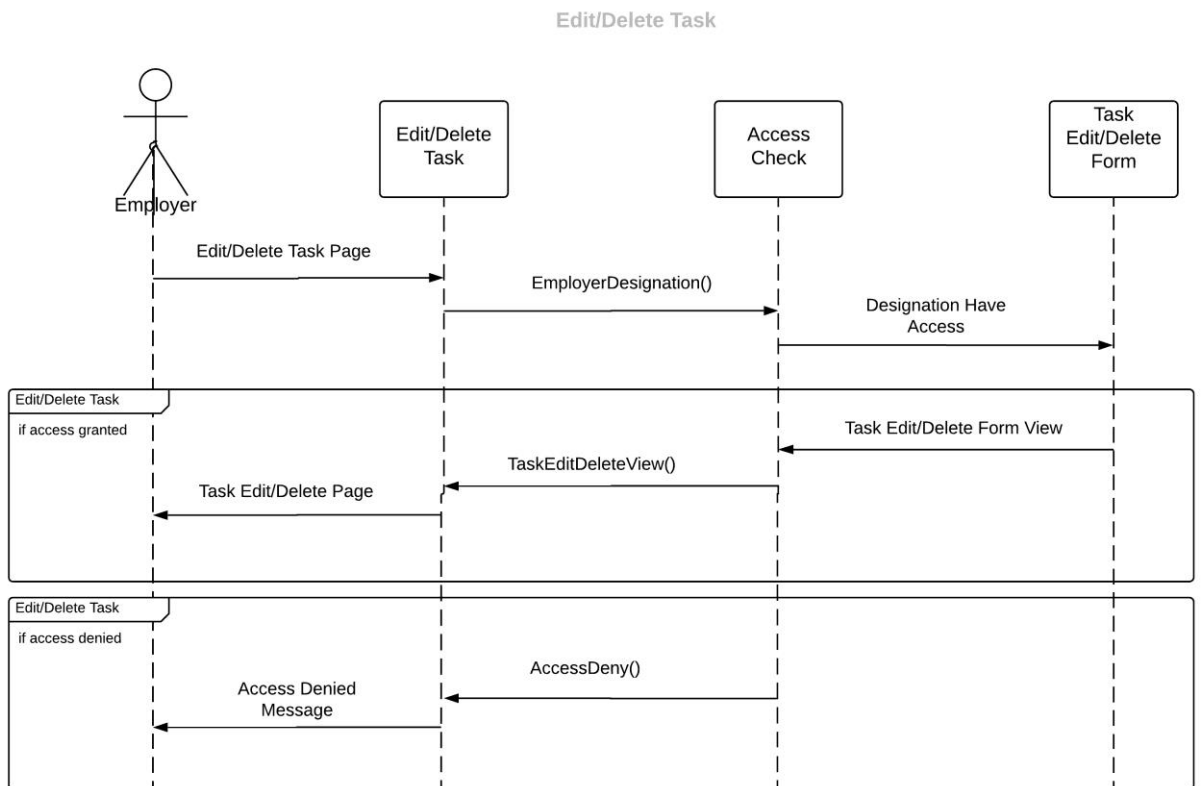
Figure 9: Sequence Diagram

3.4.7. Action Perspective Sequence Diagram (Employee)

Task Submit
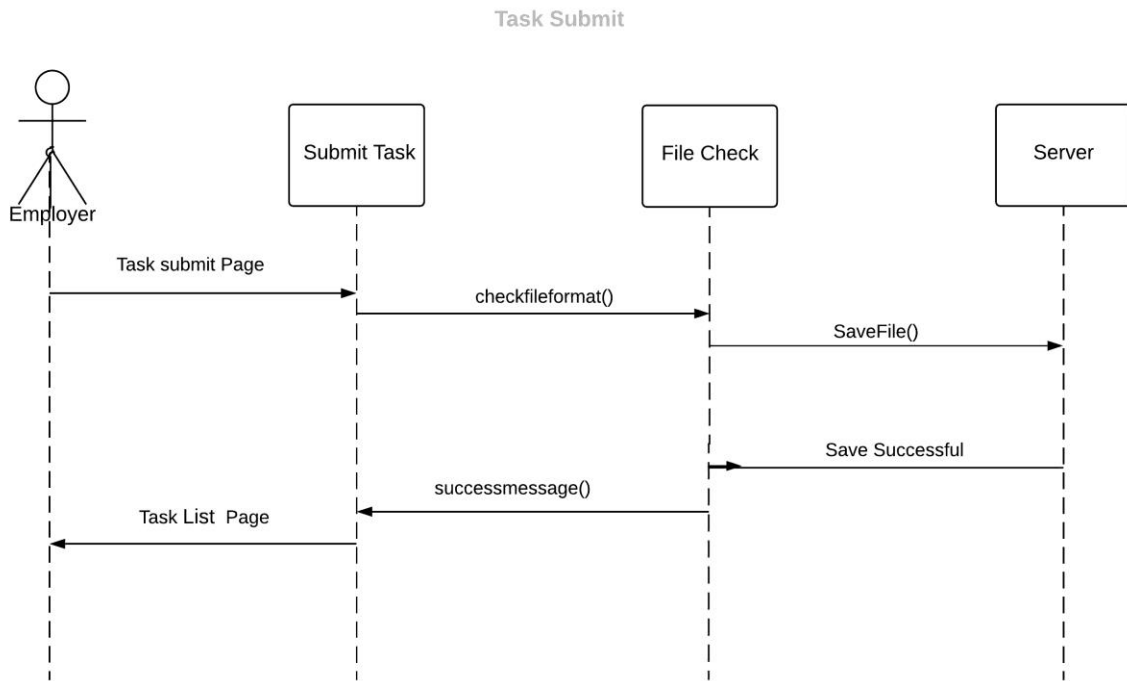
Figure 10: Sequence Diagram

3.4.8. Action Perspective Sequence Diagram (Employee)

Task Evaluation
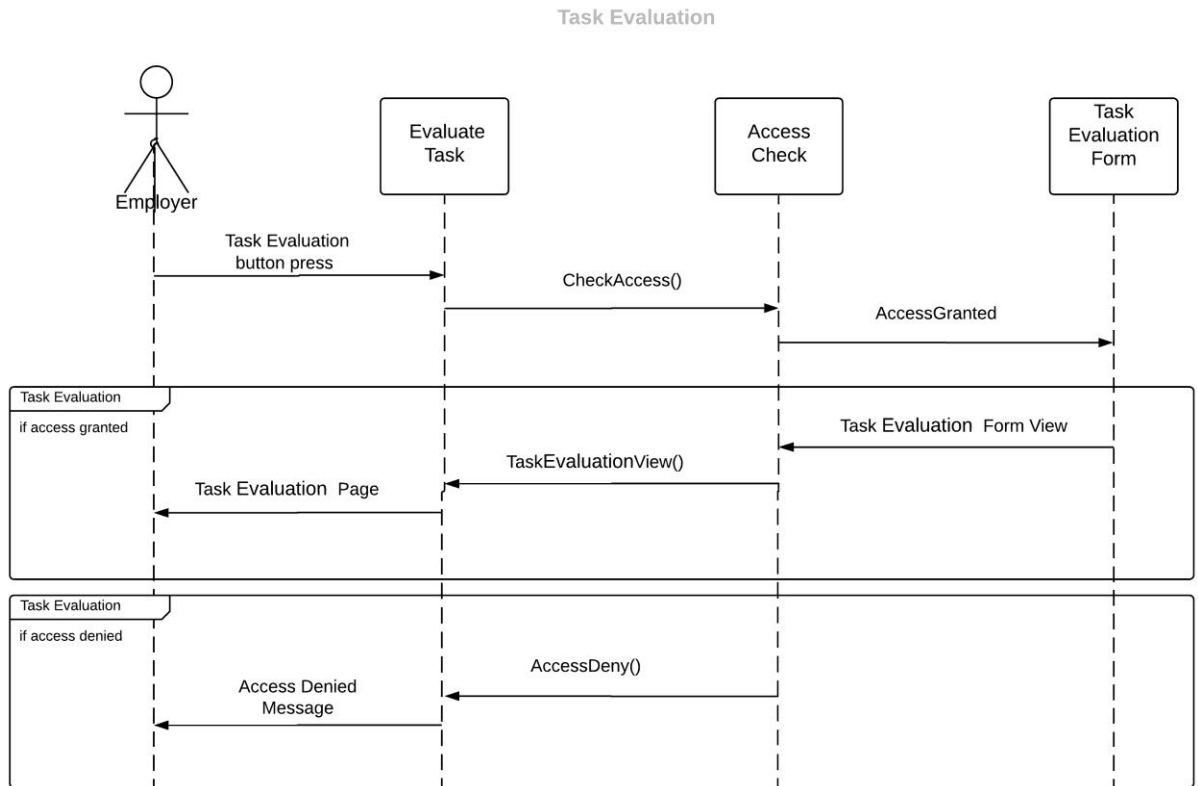
Figure 11: Sequence Diagram

Chapter 4

4. System Design Specification
4.1. Class Diagram

Person

- id : int = UniqueValue
+ Name : string
+ givenid : string
+ designation : string
+ phone : string = UniqueValue
+ email : string = UniqueValue
- username: string = UniqueValue
- password : string

+ tasklist()
+ employeelist()
+ task()
+ employeeprofile()
+ taskreport()
+ employeereport()

Employer

- createemployee()
- employeeedit()
- employeedelete()
- createtask()
- taskedit()
- taskdelete()
- taskevaluation()

Employee

- taskdetails()
- tasksubmit()
- attendance()

Task

- id : int = UniqueValue
+ taskname : string
+ taskdescription : string
+ taskdeadline : string

Figure 12: Class Diagram

4.2. Entity Relationship Diagram
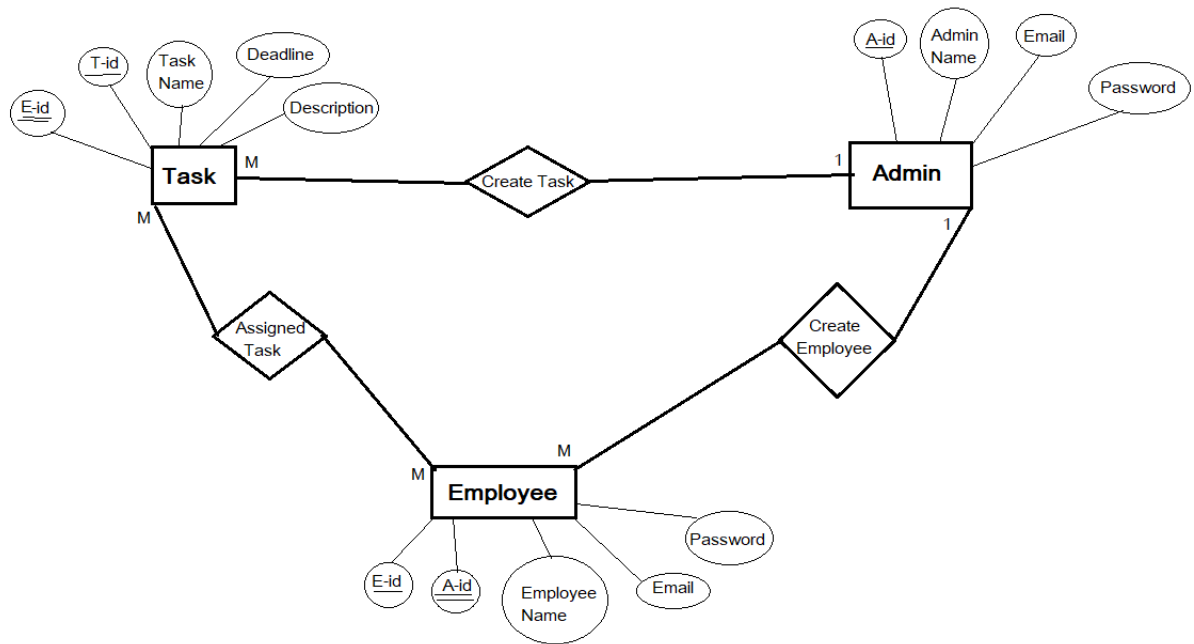
Figure 13: Entity Relationship Diagram

4.3. Development Tools and Technology
4.3.1. User Interface Technology
4.3.1.1.HTML5
4.3.1.2.CSS3
4.3.1.3.JavaScript
4.3.1.4.Bootstrap

4.3.2. Implementation Tools and Technology
4.3.2.1. PHP 7
4.3.2.2. MySQL
4.3.2.3. Laravel 5.7
4.3.2.4. Apache
4.3.2.5. Sublime Text 3

CHAPETR: 05

5. System Testing

5.1. Testing Features

5.1.1. Feature to be tested

1. Sign In
2. Create Task
3. Task Edit
4. Task Delete
5. Create Employee
6. Employee Edit
7. Employee Delete
8. Task Submit
9. Task Evaluation
10. Attendance

5.2. Testing Strategies

5.2.1. Test Approach

1. The system will manually test.
2. The system testing is based on user acceptance.

5.2.2. Pass/Fail Criteria

1. Component Pass/Fail criteria – The test will pass if the case meet the object design requirement or fail if not.
2. Integration Pass/Fail criteria – The test will pass if the case meet the object design architecture requirement or fail if not.
3. System Pass/Fail criteria – The test will pass if the case meet the functional and non-functional requirements or fail if not.

5.2.3. Suspension and Redemption

1. Build Acceptance Test – The system will pass the test if every build is successful if not than try build again.
2. Regression Testing – The system should work properly after each change on the system.
3. System Design Changes – The system should work properly after each change in the design.

5.2.4. Testing Schedule

Table 14:Testing Schedule

Test Phase	Time	Owner
Test Plan Creation	1 week	Shahadat Hossain
Test Specification Creation	1 week	Shahadat Hossain
Test Specification Team Review	2 weeks	Shahadat Hossain
Component Testing	2 weeks	Shahadat Hossain
Integration Testing	2 weeks	Shahadat Hossain
System Testing	3 weeks	Shahadat Hossain

5.3. Test Cases

5.3.1. Test Case: 01

Table 15 : Test Case-01

Test Case #: 01	Test Case Name : Sign In
System : Workers Work Review	Subsystem : N/A
Designed By :Shahadat Hossain	Design Date :08-6-2019
Executed By : Shahadat Hossain	Execution date: 9-7-2019

Pre-Condition: User must be Registered as Employee

Step	Action	Expected System Response	Pass/Fail	Comment
1.	When a user keep all the field empty and click login.	All fields are required	Pass	All fields are required
2.	When a user keep any field empty and click login	All fields are required	Pass	All fields are required
3.	When a user give wrong input in any field.	Email/Password did not match.	Pass	Give Correct Email/Password
4.	When a user enter a valid email and password	The system will successfully access to the account and redirect to the Home page	Pass	The system will successfully access to the account and redirect to the home page.

5.3.2. Test Case: 02

Table 16 : Test Case-02

Test Case #: 01	Test Case Name : Create Task
System : Workers Work Review	Subsystem : N/A
Designed By :Shahadat Hossain	Design Date :09-7-2019
Executed By : Shahadat Hossain	Execution date: 12-7-2019

Pre-Condition: User must be have access as an Employer

Step	Action	Expected System Response	Pass/Fail	Comment
1.	When an employer did not filled up any field/ filled up few and keep few field empty and press "Create Task"	All fields are required	Pass	All fields are required
2.	When an Employer filled all the field and press "Create task"	System will redirect to the task list page and show the recently created task.	Pass	System redirected to the task list page and showed the recently created task.
3.	When an employer filled number field with text	The field should be filled with number	Pass	The field should be filled with number

5.3.3. Test Case: 03

Table17 : Test Case-03

Test Case #: 01	Test Case Name : Edit Task
System : Workers Work Review	Subsystem : N/A
Designed By :Shahadat Hossain	Design Date :12-7-2019
Executed By : Shahadat Hossain	Execution date: 14-7-2019

Pre-Condition: User must be have access as an Employer

Step	Action	Expected System Response	Pass/Fail	Comment
1.	When an employer keep few field/all field empty and press "Edit Task"	All fields are required	Pass	All fields are required
2.	When an employer did not changed anything and press "Edit Task"	System will redirect to the task list	Pass	System will redirect to the task list
3.	When an employer filled number field with text	The field should be filled with number	Pass	The field should be filled with number

5.3.4. Test Case: 04

Table 18 : Test Case-04

Test Case #: 01	Test Case Name : Delete Task
System : Workers Work Review	Subsystem : N/A
Designed By :Shahadat Hossain	Design Date :12-7-2019
Executed By : Shahadat Hossain	Execution date: 14-7-2019

Pre-Condition: User must be have access as an Employer

Step	Action	Expected System Response	Pass/Fail	Comment
1.	When an employer press "Delete Task"	System will delete task and redirect to the task list. In task list, deleted task will not be there.	Pass	System will delete task and redirect to the task list. In task list, deleted task will not be there.

5.3.5. Test Case: 05

Table 19: Test Case-05

Test Case #: 01	Test Case Name : Create Employee
System : Workers Work Review	Subsystem : N/A
Designed By :Shahadat Hossain	Design Date :15-7-2019
Executed By : Shahadat Hossain	Execution date: 20-7-2019

Pre-Condition: User must be have access as an Employer

Step	Action	Expected System Response	Pass/Fail	Comment
1.	When an employer did not filled up any field/ filled up few and keep few field empty and press "Create Employee"	All fields are required	Pass	All fields are required
2.	When an Employer filled all the field and press "Create Employee"	System will redirect to the employee list page and show the recently created employee.	Pass	System redirected to the employee list page and showed the recently created employee.
3.	When an employer filled number field with text	The field should be filled with number	Pass	The field should be filled with number
4.	When an employer will fill up password field	Instead of password text it will show dots.	Pass	The field showed dots.

5.3.6. Test Case: 05

Table 20: Test Case-06

Test Case #: 01	Test Case Name : Edit Employee
System : Workers Work Review	Subsystem : N/A
Designed By :Shahadat Hossain	Design Date :20-7-2019
Executed By : Shahadat Hossain	Execution date: 26-7-2019

Pre-Condition: User must be have access as an Employer

Step	Action	Expected System Response	Pass/Fail	Comment
1.	When an employer keep few field/all field empty and press "Edit Employee"	All fields are required	Pass	All fields are required
2.	When an employer did not changed anything and press "Edit Employee"	System will redirect to the employee list	Pass	System will redirect to the employee list
3.	When an employer filled number field with text	The field should be filled with number	Pass	The field should be filled with number

5.3.7. Test Case: 05

Table21 : Test Case-07

Test Case #: 01	Test Case Name : Delete Employee
System : Workers Work Review	Subsystem : N/A
Designed By :Shahadat Hossain	Design Date :26-7-2019
Executed By : Shahadat Hossain	Execution date: 26-7-2019

Pre-Condition: User must be have access as an Employer

Step	Action	Expected System Response	Pass/Fail	Comment
1.	When an employer press "Delete Employee"	System will delete employee and redirect to the employee list. In employee list, deleted employee will not be there.	Pass	System will delete employee and redirect to the employee list. In employee list, deleted employee will not be there.

5.3.8. Test Case: 05

Table 22: Test Case-08

Test Case #: 01	Test Case Name : Task submit
System : Workers Work Review	Subsystem : N/A
Designed By :Shahadat Hossain	Design Date :27-7-2019
Executed By : Shahadat Hossain	Execution date: 29-7-2019

Pre-Condition: User must be have access as an Employee

Step	Action	Expected System Response	Pass/Fail	Comment
1.	When an employee keep all/few field empty and press "Task Submit"	All fields are required	Pass	All fields are required
2.	When an employee field all the field and press "Task Submit"	System will save the data and redirect to the task list.	Pass	System will save the data and redirect to the task list.

5.3.9. Test Case: 05

Table 23: Test Case-09

Test Case #: 01	Test Case Name : Task Evaluation
System : Workers Work Review	Subsystem : N/A
Designed By :Shahadat Hossain	Design Date :30-7-2019
Executed By : Shahadat Hossain	Execution date: 2-8-2019

Pre-Condition: User must be have access as an Employer

Step	Action	Expected System Response	Pass/Fail	Comment
1.	When an employer keep all/few field empty and press "Task Evaluation"	All fields are required	Pass	All fields are required
2.	When an employer filled all input field and press "Task Evaluation"	System will save the data and redirect to the task list.	Pass	System will save the data and redirect to the task list.

5.3.10. Test Case: 05

Table 24 : Test Case-10

Test Case #: 01	Test Case Name : Attandance
System : Workers Work Review	Subsystem : N/A
Designed By :Shahadat Hossain	Design Date :3-8-2019
Executed By : Shahadat Hossain	Execution date: 5-8-2019

Pre-Condition: User must be have access as an Employee

Step	Action	Expected System Response	Pass/Fail	Comment
1.	When an employee press attendance button	System will count the date and redirect to the task list	Pass	System will count the date and redirect to the task list

CHAPTER: 06

6. User Manual

      1.1 User Manual- A
      1.2 User manua- B
      1.3 User Manual- C

CHAPTER: 07

6. Project Summery

7.1.   GitHub Link:

7.2.   Limitations

Every project has some limitations. My project Workers Work Review has some limitations

1. Real time reminder not available.
2. Task report not an advance AI.
3. Security

7.3.   Obstacles & Achievements

The Laravel framework is updating every day so it's quite tough to work with new technology. The library function of laravel farmework is very helpful though the implementation is hard and there was lots of error while developing this system.

7.4. Future Scope

This system is not huge as with simple frames for work with and easy to use and helpful. There was some features I wanted to implement but I was unable to implement them for now but in the future there are some ideas to make this project more helpful and unique is given below;

1. Employee Automated Level Upgrade
2. Employee Automated Promotion (Basis on company conditions.)
3. Security Update
4. Automated Attendance on login and face detection.
5. Mobile App.
6. Create option for Send Notification in every possible way.

Conclusion

Though I have successfully implemented the system "Workers Work Review" but there is also some restriction in my project. Now this web system is using in "local host". Near future domain should be taken and live this web application.

Appendices

May include any supporting material which is not essential for the main body of the report

These could be:

- Questionnaire designed for use
- Completed questionnaires received
- Details of requirements
- User evaluation of the system I developed
- User manual/guide
- Test plans and results
- Project plans
- Tables of contents
- Diagrams

References

- Entity relationship diagram (date:12-07-2019)
  LucidChart: https://www.lucidchart.com/
- Use case diagram (date:14-07-2019)
  LucidChart: https://www.lucidchart.com/
- Date 19/07/2019
  http://guides.lib.berkeley.edu/how-to-write-good-documentation
- Date 27/07/2019
  https://www.projectsmart.co.uk/project-documentation.php