



# American International University- Bangladesh

## CSC 3222: Web Technologies

### CO1.1 and CO2.1 Evaluation

### Project Report

Fall 2022-2023

Project Title: Software Project Management Application

Section: C

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# Software Project Management Application

## Introduction:

*Here we introduce an application which will work as project management. It will reduce the time and effort for keep up the flow of a project and user will get more efficient way to handle their project. User can keep track of their project progress with only two to three click and will be able to organize the whole project in a mannered way.*

## Background Study:

*We got some idea from some note keeping website and task based website where these website doesn't allow project by project progress which we are offering. We used those website's idea to keep the app handy and impactful.*

## Requirement Analysis:

### 1. User Category:

There are 7-types of Users here. They are:

- Admin
- Client
- Manager
- Analyzer
- Developer
- Tester
- Technical Writer

### 2. Feature List:

In this project the “Admin” has the following features:

- Dashboard
- Registration
- Update Employee Info
- Show Employee Info
- Assign Manager, Analyzer, Technical Writer
- Manage Leave Request

In this project the “Manager” has the following features:

- Dashboard



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- Assign Project Requirement
- Schedule Meeting
- Meeting Request
- Work Update
- Request for a leave

In this project the “Analyzer” has the following features:

- Dashboard
- Update Work
- Update Project Requirement
- Upload Project Prototype
- Project Estimation
- Request for meeting
- Request for leave

In this project the “Developer” has the following features:

- Dashboard
- Update work
- Update Unit Testing Result
- Unit Testing Recheck Request
- Upload work paper
- View Project Prototype
- Request for leave

In this project the “Tester” has the following features:

- Dashboard
- Unit Testing Result Progress
- Work Update
- Meeting Request
- Request For Recheck of Unit testing
- Update Unit Resting Results

In this project the “Technical Writer” has the following features:

- Dashboard
- Work Update
- Update Final Documentation

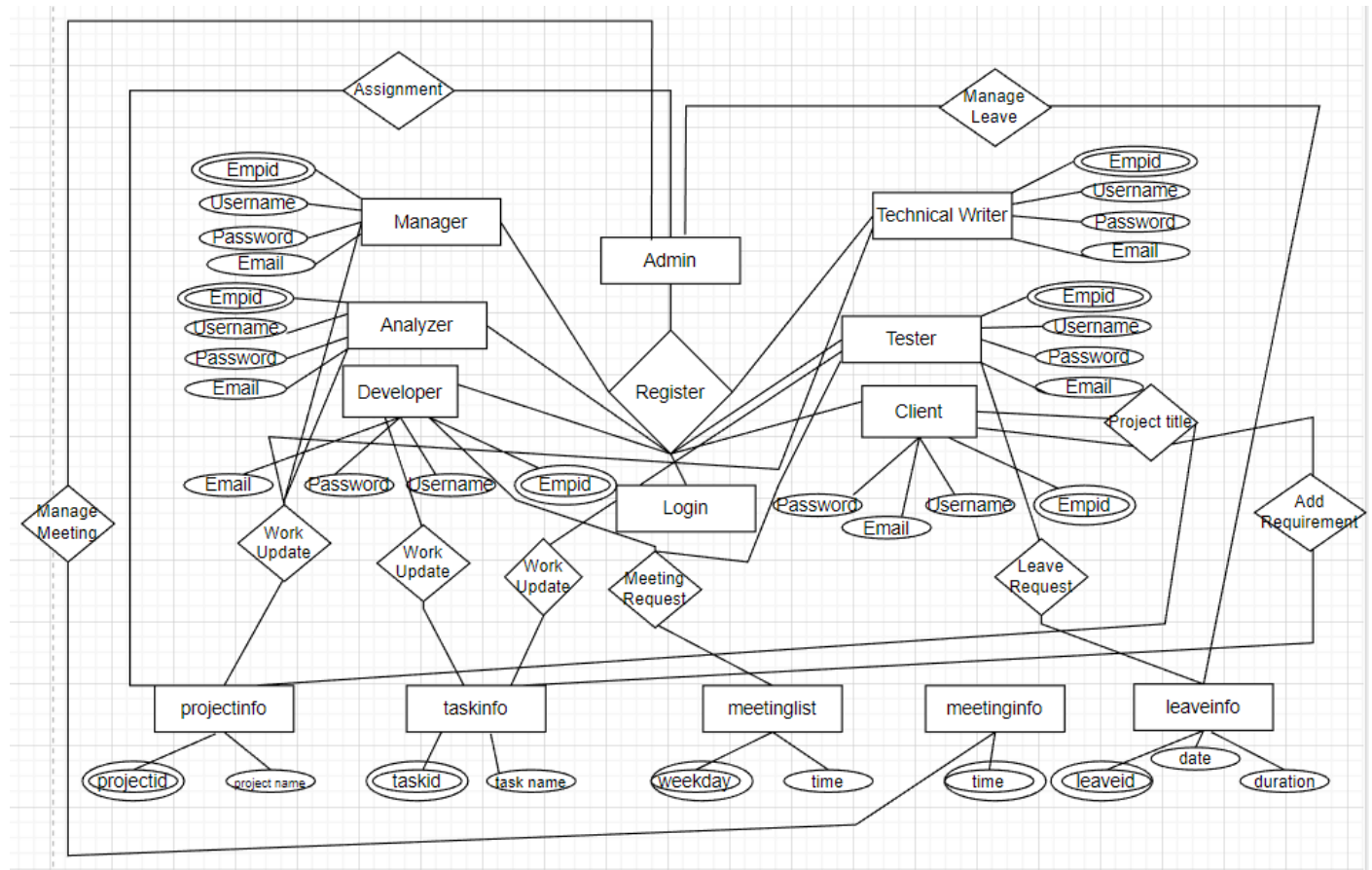
In this project the “Client” has the following features:

- Dashboard
- Add Project Title
- Add Project Requirements
- Provided Project Requirements
- Request to Add New Requirements



# Software Project Management Application

Design:



Tools Used:

To develop this project, we have used the following:

- HTML
- CSS
- PHP
- JAVA-SCRIPT
- AJAX
- MYSQL



# Software Project Management Application

## System Images against the Specification:

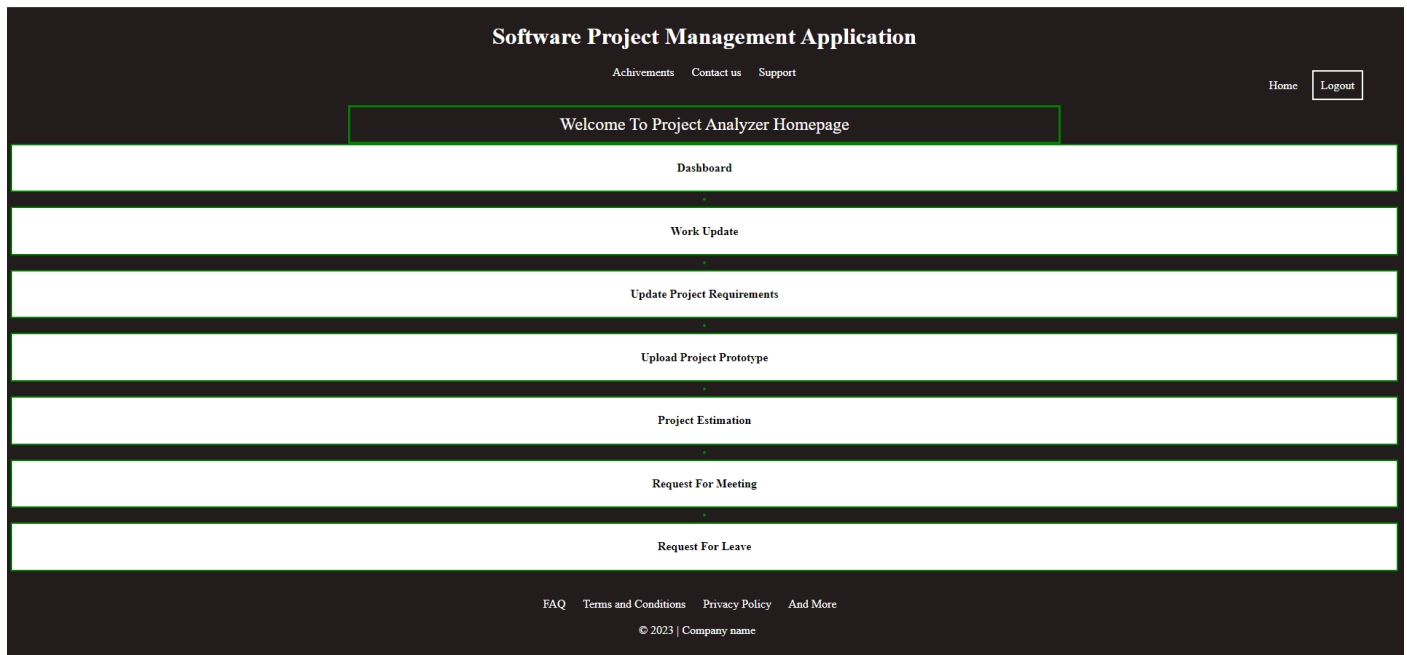


Here the given image is for Admin interface. Where All employee have to be registered via admin and admin can edit and update those employees profile. Admin will assign roles to manager analyzer and technical writer and also manage pending leave request.



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It is the main homepage of manager interface where the manager will assign project requirements to developers and testers, can schedule meeting, Manager meeting request, request leave and update own work.



This is project analyzer's homepage. From here he can manipulate project's requirement, upload his project prototype, request meeting, request for leave and update his works.

## Impact of this Project:

By using this application, we can build our project faster and efficiently and the works can be flowed with simultaneous progress and validation. As all the progress are noted we can easily notify the changes and work with the maintained balance. This app can ensure faster and easier documentation of the projects.

## Limitations and Possible Future Improvements:

We have some issues with estimation of the work as it is defined as COCOMO model. We currently not handling different type of project process model and focusing on only agile model. In future we will include more project model and various type of estimation to the application.



## Software Project Management Application

CO1.1 and CO2.1 Evaluation: Project Report Evaluation					
Project Proposal (5)	Background Study (5)	Requirement Analysis (5)	Entity Diagram (5)	System Images against the Specification (5)	Total (25)

