**EUROPEAN UNIVERSITY OF LEFKE**

FACULTY OF ENGINEERING

Graduation Project I

Company Communication System

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**Abstract.** Companies with a large number of employees can communicate more comfortably and reliably,a session where they can share their complaints and opinions comfortably. Authorization under the authority and supervision of the boss managers in different branches can establish their own groups through the system and companies with more than one confusion can be minimized.

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# Introduction

## Problem definition

Companies can make money through agreements, a company that cannot communicate correctly can neither sell nor produce a healthy product.

a company that cannot reach agreement in itself.

how they can communicate with someone else. Confusion in large companies with the

CCS (Company Communication System) feature Is a communication system designed to download to the degree "0". Crowd sent whatsapp groups, missing, incorrect prompts the user only once without having to deal with written mail addresses

you will be able to send private mail to the entire company or to the area you choose.

## Literature survey

**Slack:**Slack is one of the first applications that comes to mind when it comes to business. Application, topics topics, messaging and file sharing with team members. There may be private shared channels, and they can work with them on a partner organization platform, and employees who are unrelated to the issue cannot see these correspondence. Slack's custom shared lists allow you to create custom groups and share information that won't appear in public search results. In addition to group correspondence, direct messaging (DM) is also available where you can reach through mobile platforms.

**Cisco Spark**:platform has been in service since 2015 and integrates with traditional communications solutions, including Cisco phones and video conferencing equipment. In addition, new products such as Cisco's interactive touch screen Spark Board provide users with fully integrated, high-tech conference room equipment that is not available to all other providers.

With Cisco Spark, everything you send is encrypted end-to-end, allowing you to take basic security measures for your company from the very beginning. In this way, you only share with the targeted people and institutions that are not public

**OfficeMessenger:** A program developed for instant messaging within the organization. You can send messages and announcements to each person in the list at the same time. You can send the same message to a certain group at the same time by separating the department. Instant messaging program. file sharing, announcement system .

## Goals

The aim of this project is to develop myself in php and prepare a project which I think can be useful for corporate companies, to implement the needs of the market, to eliminate the shortcomings in the market.I know that I can use it as . when entering a job, even though I do not think I cannot make money through this program it will be for me completely referance .

If I can sell the program to a company or market it myself, I would be proud to use it all over the country or the world.This program is very reliable for yours messages and files and enable companies to transfer data and messages more easily.

I am most goal to use this program not only in the country but also in other countries and companies by making language add-ons.

By not use the web, I will also be able to access people with mobile applications and not only by e-mail, but also in their mobile and tablet devices.

# Resources

## Required software

The languages I intend to use are mainly (php, html, css) and the reason I choose them is that the project is web based.I could choose Asp instead of php, but php makes me feel easier and more necessary to learn.

## The reason I chose web-weighted was that I had projects and works in languages like html css php before.I'm thinking of completing my project using Dreamweaver and I'm thinking of using mysql as a database because the security gaps are kept to a minimum.I will use photoshop for the designs.I can use freecsstemplate.com as a reference.

## Others

My teachers as supervisior are my elders who have made this profession which enabled me to choose this department by taking the advice of places where I do internship.In addition, the “coders facebook on Facebook, gathered under the title of engineers and programmers help pages.

There are student support pages where I follow the forum sites and I think to use Sadi universe sugar as a resource under the computer concepts title which owns youtube channel..

# Modules

Member login panel, admin or member login panel creates the index part of the site from here yet I plan to offer 2 options with clarification.

Create user registration directly by admin or users register to the system by specifying e-mail, name, surname, location etc.

Or

Admins can directly create a password and ID by logging into the system by separating the members according to the field and selected members can send private or collective messages.

We can log in to the system with a password and ID that can be directly created by the Admins and register them according to their fields and enable them to send private or collective messages to selected persons.

As for the design, I would like to colorize using html, css, and javascript and finish the input interface using a text field and a button.

## First module

The actual face of the system that you will see after login.What I want to see have here , is how many people are registered in the system, who owns how much authority.

The accessibility of the users' private information will change according to the authority of the members.If you are the owner of the company, if you are admin you will be able to access the registered information of each member and send a mass message or poll.

If you are only the head of the department, you will be able to access the information of each member in your department and provide you with the option of polling.

Normal users will only see can each other's mail information.

Authorities will be able to send a collective message to the members and send their general problems and complaints and meeting hours in a detailed form.

Request a survey will go to users as a link to a page within the system, users will be able to participate in the survey after logging into the system by clicking on the link.

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# Risk analysis

In each project, as in the case of this, there are possible risk situations.

This kind of system has a feature such as being able to reveal all the secrets of the company, in case of a possible hacking all the data of the company can be stolen from the work of contracts. The biggest problem for the project is hacking.

If authorization is not done in a healthy way, an ordinary member can steal and sell company secrets. The administrator should be able to master the system and not allow false authorization of an error like any other.

Failure to reach the member if people provide incorrect information when registering. Failure is due to the server's security vulnerabilities and system crashes. Common problems include forgetting, losing login information. For this possibility, admin can be accessed quickly and change user information.

If users do not activate the mail notification, they may not be able to see the next mail. For this, either continuous mail check or notification must be activated.

# Conclusion

The benefits of the project to for me with priority.This project will allow me to complete myself in the programming languages that I think are missing.

When I enter the market, the business sector, I can prepare myself for what people can ask of me.

The fact that my consultant treated me like a client other than consultancy showed me the expectations of real customers and what they might want from me.

I have a project that I can use as a reference when I get a job and it will allow me to learn programming languages that I can say clearly.

Another contribution is that I can sell this project and earn money through the project.

The benefit to others.

The purpose of an engineer's job is to make life easier for the profession.

Carpenters make furniture, doctors save lives, but engineers make life easier.

Thanks to this project, workplaces will not suffer communication problems.

It will not allow any confusion to be misunderstood.

Everything will be kept under record, with the option of poll people will be able to reveal their thoughts and opinions in a hidden way if they wish.

The project will enable people to spend more time achieving more business success.Since this project will be purchased once, it will cause cost reduction for the workplace.

As a project that can be taken once and used with lifetime confidence, extra features can be added to or removed from the project if requested by the company.

## Future works

Such projects are open to development.Add-ons that companies want can be added.

I can make the development a wider program by adding features like this.

Some of the features I intend to add, users can create and encrypt a room there and communicate with each other, file transfer, audio, send images.

Meetings can be provided via video, a room can be opened under the title of the meeting and users who want to participate in the meeting can enter the room and participate in the meeting.

After graduation, I want to show my project as a reference to the company I will start.

If the company likes my project, I would like to continue the development with the additional features given above.

A system that many companies need, I think this project should develop with certainty and will work in the market.

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