



# Email List Subscription Project Proposal

## 1 Introduction

Email marketing lists are one of the most tried and true ways to market a product or service to a large amount of people. However storing all these emails and keeping tracking of different lists can be cumbersome to keep track of and update. Most websites implement a newsletter subscription button as well. Admins can then later extract these emails as a csv or similar format and feed it to an email marketing tool. You are tasked with implementing the schema for storing and managing email lists as well as the database for the employees that work for the company. The company has at least 3 departments.

## 2 Schema Rules

- ☐ Each Department has at least 1 supervisor
- ☐ Each Department has 1 head of department
- ☐ All emails that sign up for the newsletter in the company are stored in one table

## 3 Deliverables

- ☐ Schema for all tables required for the case introduced
- ☐ CRUD operations for all tables through phpmyadmin
- ☐ ER Diagram for the case proposed
- ☐ Program for interfacing with Database (additional GUI can be allocated bonus grades)
- ☐ Implement feature to output email list table as a csv or similar format (excel)
- ☐ (Bonus) import CSV into email list table

## 4 Requirements

- ER Diagram should be clear and printed (or hand drawn)
- Report documenting process and steps taken.
- Submit code where applicable
- Deadline for submission is 2025-12-05 (5th of December)
- Unclear ER Diagrams will be penalised
- Work in teams up to 5 members