## NotifiDapters

Zadid Bin Azad October 18, 2024

 $Design\ Patterns\ Lab\text{-}05$ 

## **Problem Statement**

Suppose you are building a notification system. At first, the client's requirement was to build a system that is able to notify users using modern systems. That includes Email and SMS. These kinds of notification methods uses only one unique identified and can send texts to receiver.

Now, your client decides that they want to integrate a 3rd party API that enables your application to send notification through e-postal mail. Naturally, the parameters for sending postal mail will require more parameters than your application's existing notification sending system. Thus, breaking your client code for sending notifications.

Design and refactor your system in such a way that:

- 1. Every notification sending system has segregated class.
- 2. Your system can incorporate the 3rd party system that is not compatible with your client code.