

# The Memory Diary

## Members

- Rangtiwa Fordsongnoen (st120534)
- Nang San Hom (st120225)
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## Roles of each member

Rangtiwa Fordsongnoen: Handle the controller

Nang San Hom: Handle the model

Thanakit Phanthawit: Handle the view

## MVC Framework

### 1. What is MVC?

MVC is short for model, view and controller. MVC is a way to organize the code's core functions into their own, neatly organized boxes.

Model:

This level defines where the application's data objects are stored. Whenever there are changes done in the model, it will automatically notify that the changes are made.

View:

This level creates an interface to show the actual output to the user. The controller or model tell view what to display to the user. It also handles requests from the user and informs controller.

Controller:

This level acts as a link between a user and the system. It provides the user with input by providing appropriate views to present it appropriately on the screen.

### 2. Why MVC is used?

Because It is easy to follow, covers more feature, revisiting and sharing the applications with others much easier and cleaner and it is a great architecture no matter whatever the language you are using for the development.

### 3. When MVC is used?

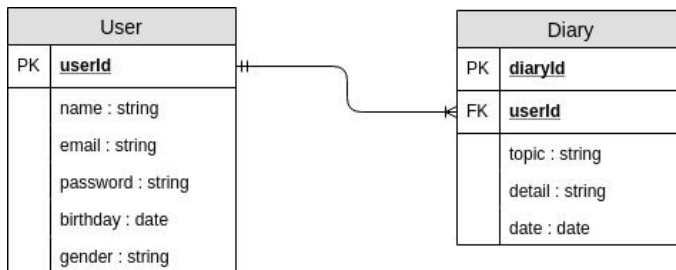
We should use MVC when user interface tends to change more frequently, when reusing the code by creating components ,when developers want to work in parallel on different components

### What logic is inside the models, views, and controllers?

- Diary
  - Model: It is responsible for the managing the the data of the user's diary.
  - Controller: It receives the input, optionally validates it and then passes the input to the diary model.
  - View: The diary view presents the diary model in a particular format.
- User
  - Model:The user model receives each user's information from the user controller.
  - Controller: we use 'Devise' gem .
  - View: we use 'Devise' gem , and we add few fields like birthday , gender and name in 'Sign up' page.

### Describe your implementation briefly

We use 'scaffold' to create the dairy and use 'devise' to manage the user in system. The data model can show by



### What did you learn?

We have learnt that by using MVC, we can do the work in parallel on different components. It removes the dependencies and it could be easy to maintain in the future work.