

# Todo-Manager Mid-Submission

## Basic Use Cases

Todo-Manager is built base on Ruby on Rails, with the Rails installation version 5.1.4 and Ruby version 2.4.3.

It is an electronic memo pad, which aims to assist students to manage and remember tasks in daily life. It by default sets up serval groups that covers main part of daily life of students (which includes school, shopping, extracurricular and general).

## Execution Plan

In order to help students manage tasks in an efficient and convenient way, a fully developed Todo-Manager should have the following functions:

### 1. *the basic CRUD function*

Todo-Manager should be able to create, read, update and delete tasks, which has four attributes, text, deadline, group and emergency. In order to create a task, the attribute text and group must be provided while deadline and emergency is optional.

### 2. *classification of tasks*

Classification of tasks is done by analysing the group attribute of each task and those with the same group is considered as one category.

Todo-Manager allow one task to have **only one** category.

### 3. *highlight emergency tasks*

In a fully developed version of Todo-Manager, users can highlight emergency tasks by **select the checkbox** in front of each existing task.

### 4. *search with key word*

In order to help user to find out the specific task he wants, Todo-Manger should provide a simple search function which allows user to search with key-word. However, it is important for users to create and search in a proper way. **Spelling mistakes or too many key words may not turn out expected results.**

## Current Develop Status

### 1. *the basic CRUD function[half-developed]*

The attributes emergency and deadline is not ready.

### 2. *classification of tasks[developed]*

### 3. *highlight emergency tasks[developing]*

### 4. *search with key word[developing]*