Basic use cases

Create tasks

View all tasks ordered by due date

View all tasks that belong to a category

View tasks that contain a certain string

Assign tasks to categories

Remove categories from tasks

Rename tasks

Change description of tasks

Delete tasks

Execution plan

Two models: Tasks and Categories

Task has name, details, and due date/time

Category has many tasks

Task has many categories

Main page (/) has all tasks sorted by date/time

Main page has a new task section

Main page has a search by name section

Main page has a view by category dropdown

Category dropdown goes to /category/:category_id and shows all tasks belonging to that category

Tasks can be clicked (from main page or category view) and goes to /task/:task_id

Task page shows the name and details of that task, as well as the categories it is classified under

Task page has an edit button for editing the task and to add or remove categories