

'PROJECT SCHEDULER'

DOCU DESIGN

CPE 372

TEAM : LOGCAT

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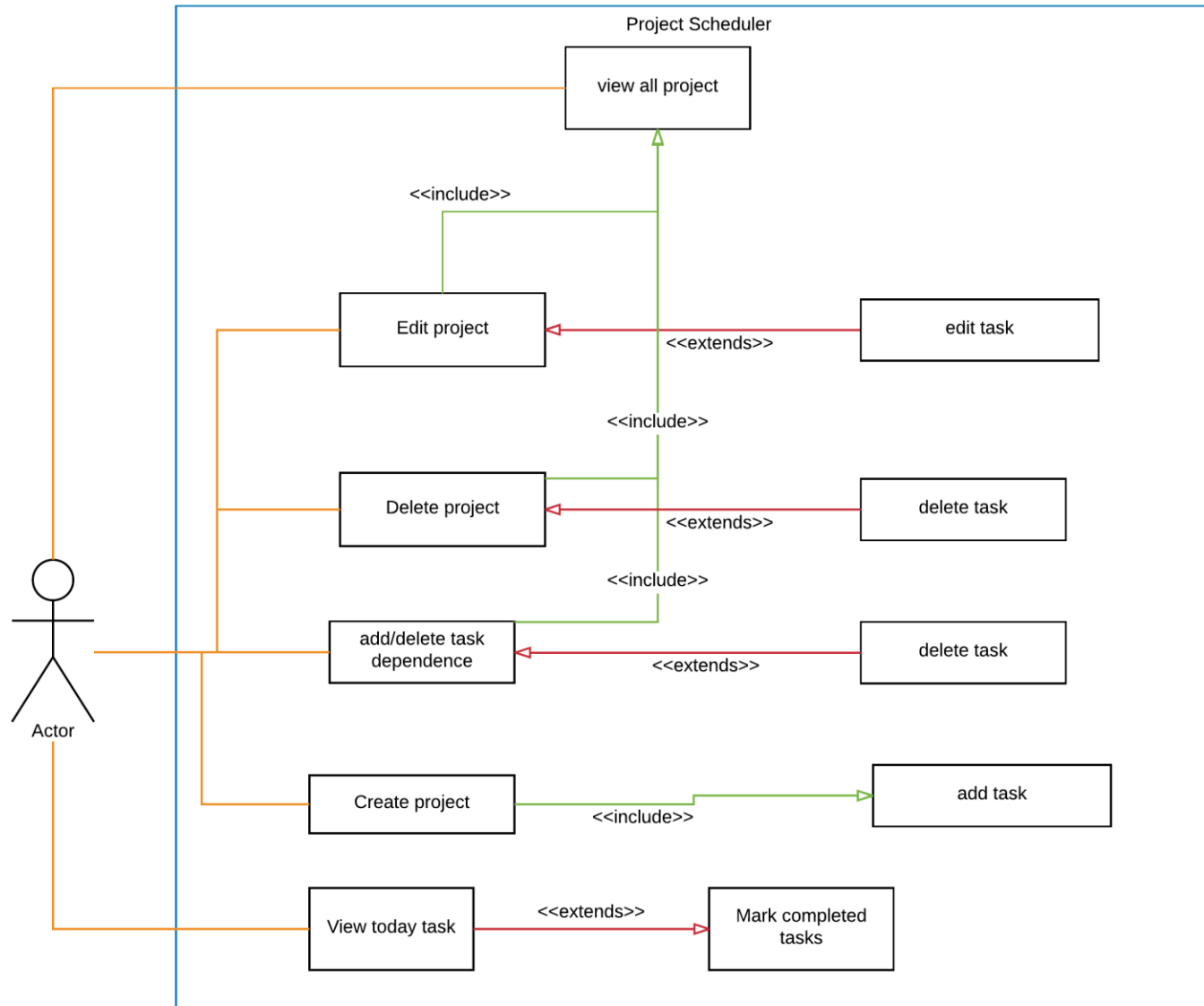
ABSTRACT

Project Scheduler is a program for planning and keep tracking your projects and its tasks. You can create your project with its details and add its tasks in the list. You also can mark period of each tasks and set dependency between them easily.

This program also provides ability to see all of your project with a single step, mark your completed tasks and edit your data anytime.

After open or close the program, it will store the data in database and can be use for next time

USE CASE DIAGRAM



USE CASE NARRATIVE

Project Scheduler

Name : Create project

Actor : User

Goal : Add project with its details

Preconditions: None

Main success scenario:

1. User write project name
2. User write project details
3. User confirm for create project
4. User add new task
5. User write description of the task
6. User set date of task
7. User confirm to add task
8. User back to menu

Extended scenario(a) :

- 3a. User cancel to create project
- 4a. go to 8

Extended scenario(b) :

- 3b. User edit current project
- 4b. go to 1

Extended scenario(c) :

- 7c. User cancel to add task
- 8c. Return to 8

Extended scenario(d) :

- 7d. User edit task to add
- 8d. Return to 5

Extended scenario(e) :

- 8e. User add/delete one or more dependency task
- 9e. Go to 8

Extended scenario(f) :

- 8f. User don't want to add/edit dependency task
- 9f. Go to 13

Extended scenario(g) :

- 7g. User input invalid datetime format
- 8g. go back to 7

Extended scenario(h) :

- 8h. User need to add more tasks
- 9h. go back to 5

USE CASE NARRATIVE

Name : Edit project

Actor : User

Goal : Edit project name and detail

Preconditions: It must have at least 1 project in the system first

Main success scenario:

1. User view all project
2. User choose project for edit detail
3. User edit project name
4. User edit project detail
5. User confirm for edit project detail
6. User back to menu

Extended scenario(a) :

- 5a. User cancel to edit project
- 6a. go to 6

Extended scenario(b) :

- 6b. User choose to edit task
- 7b. User view all task in project
- 8b. User choose task to edit with sequence number
- 9b. User edit name of task
- 10b. User edit date of task
- 11b. User confirm to edit task
- 12b. Go to 6

Extended scenario(c) :

- 6c. User choose to edit task
- 7c. User view all task in project
- 8c. User choose task to edit with sequence number
- 9c. User edit name of task
- 10c. User edit date of task
- 11c. user choose to edit task dependency
- 12c. User confirm to edit task
- 13c. Go to 6

Extended scenario(c) :

- 2c. User choose not to edit task
- 3c. go to 6

USE CASE NARRATIVE

Name : View timeline of projects

Actor : User

Goal : View all schedule system and for edit project

Preconditions: None

Main success scenario:

1. User view timeline of projects
2. User choose each project for view all task in this project
3. User back to menu

Name : View current task

Actor : User

Goal : View current task on day for mark completed task

Preconditions: It must have at least 1 project in the system first

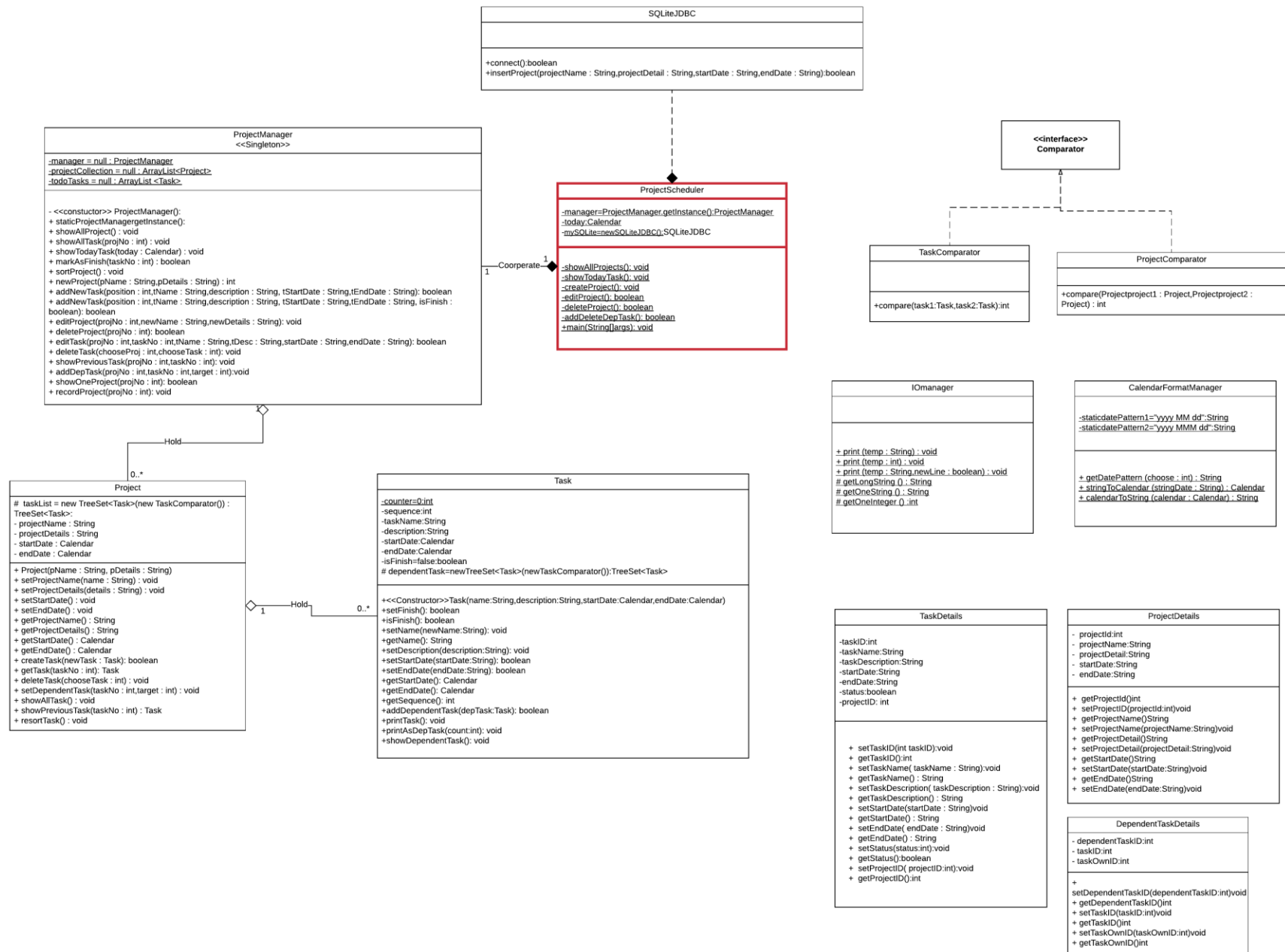
Main success scenario:

1. User view current task on day
2. User go back to menu

Extended scenario(a):

- 2a. user mark completed task
- 3a. go to 2

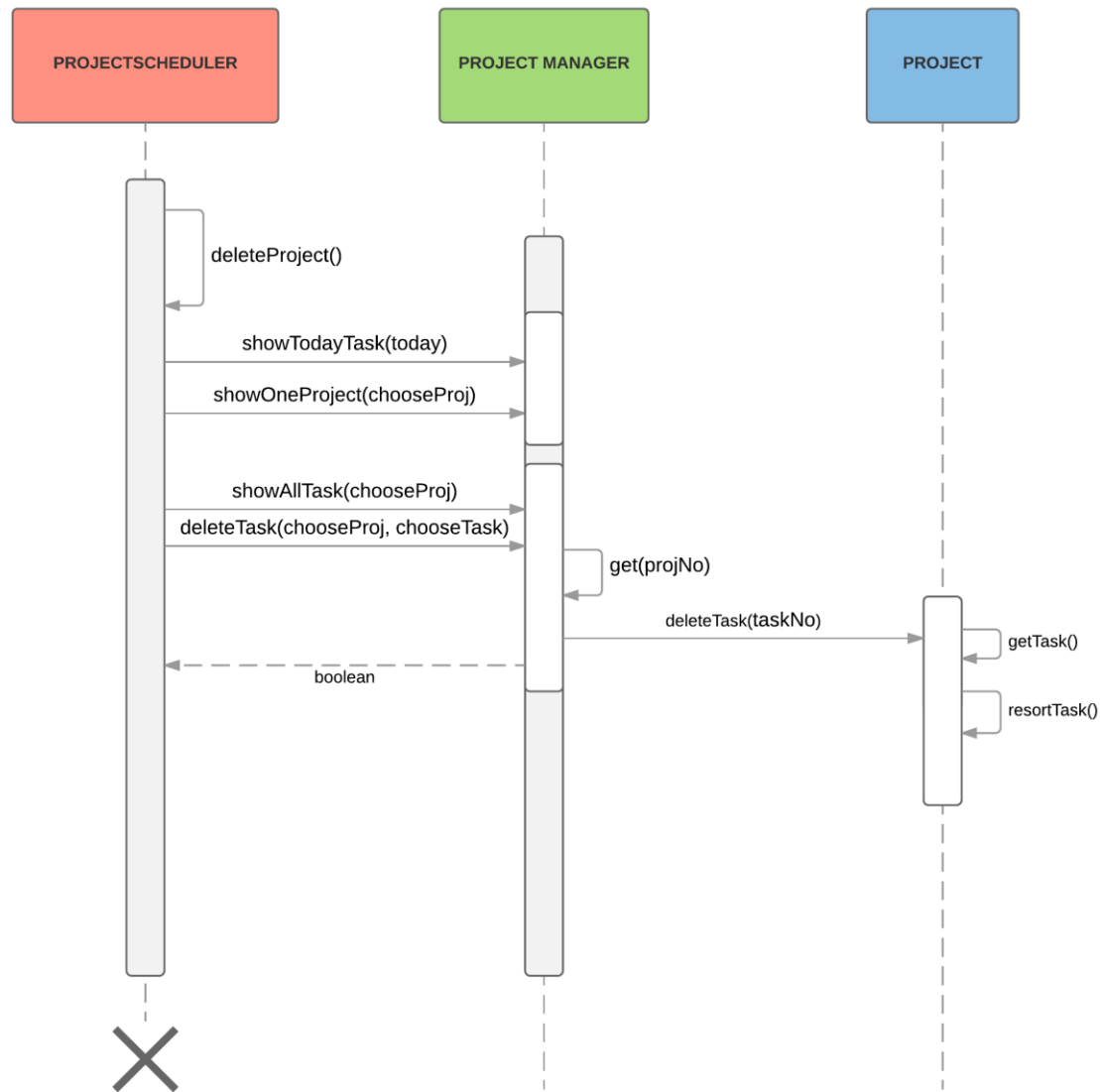
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SEQUENCE DIAGRAM

DELETE PROJECT/TASKS

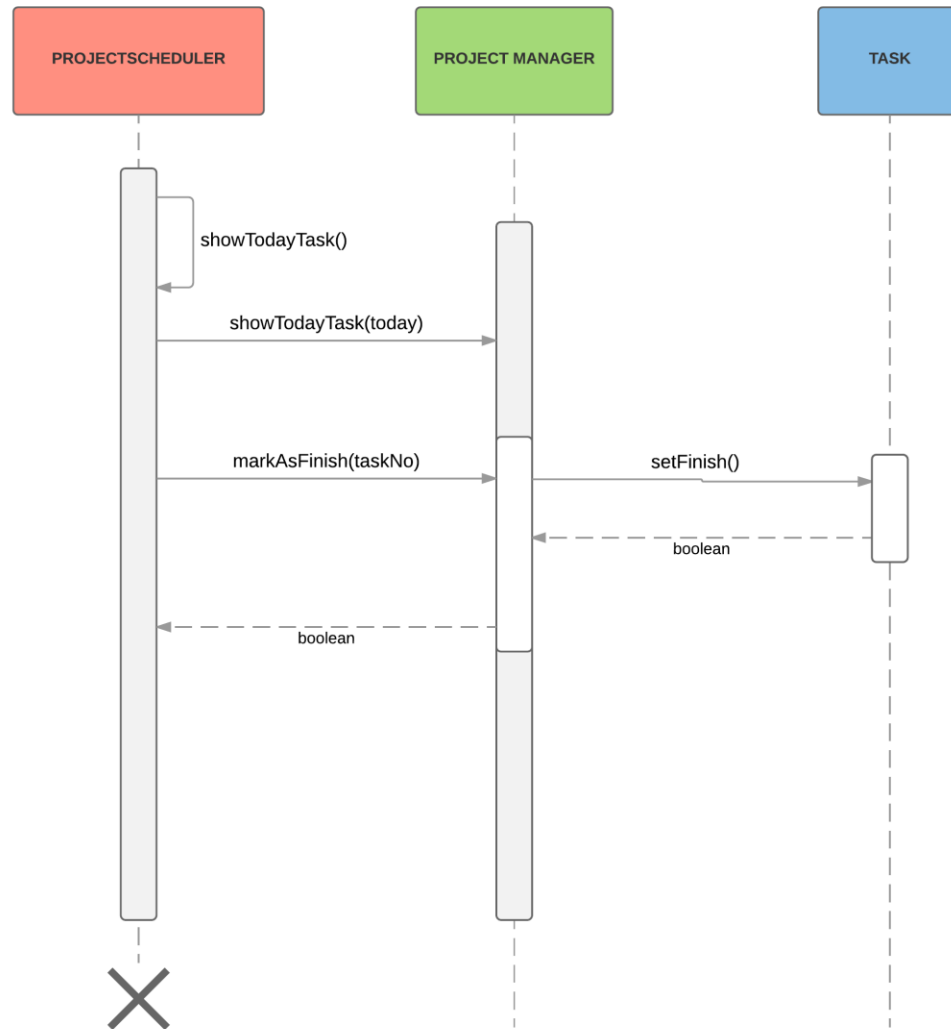
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SEQUENCE DIAGRAM

SHOW TODAY TASK

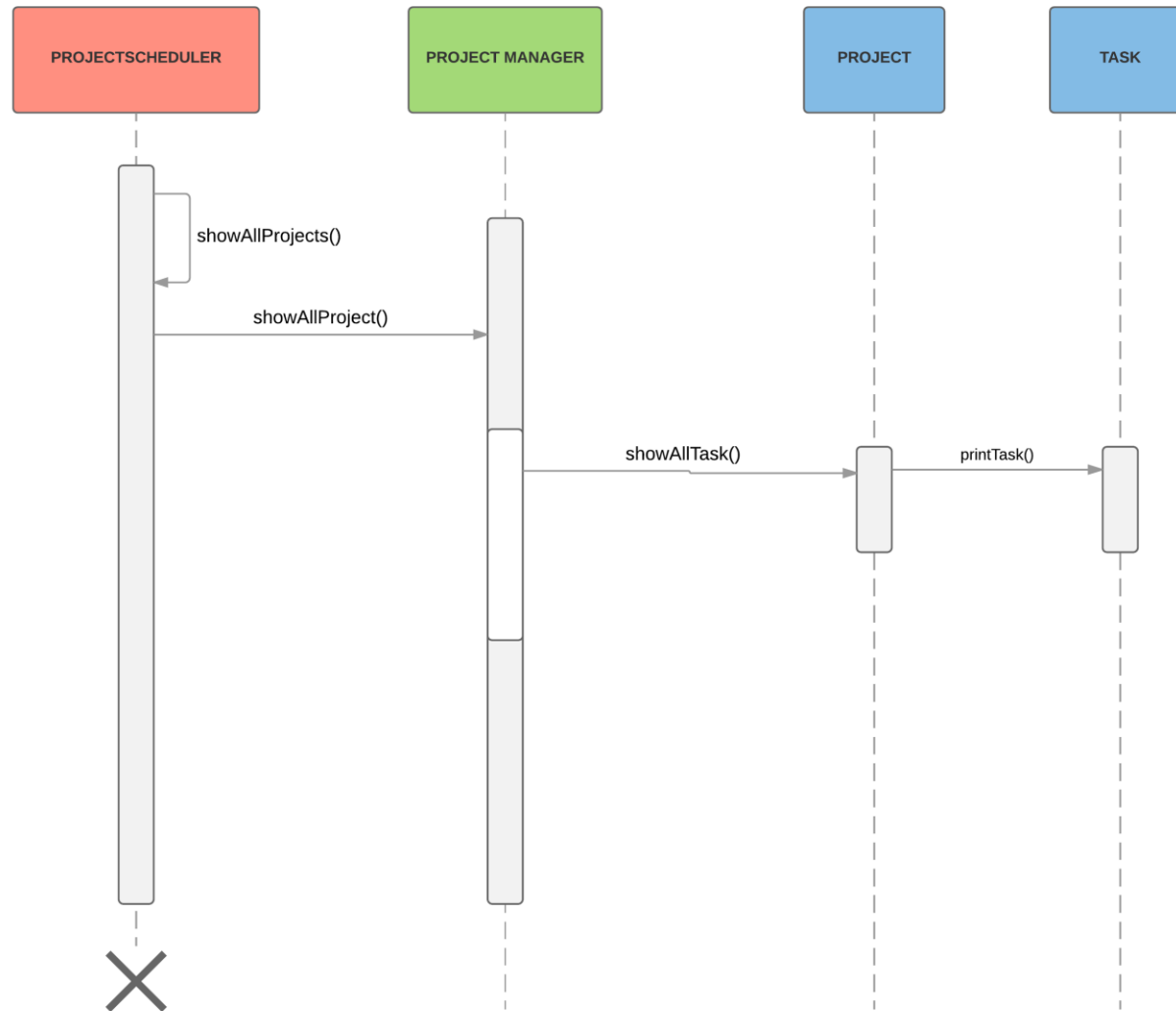
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SEQUENCE DIAGRAM

SHOW ALL PROJECT SCHEDULE

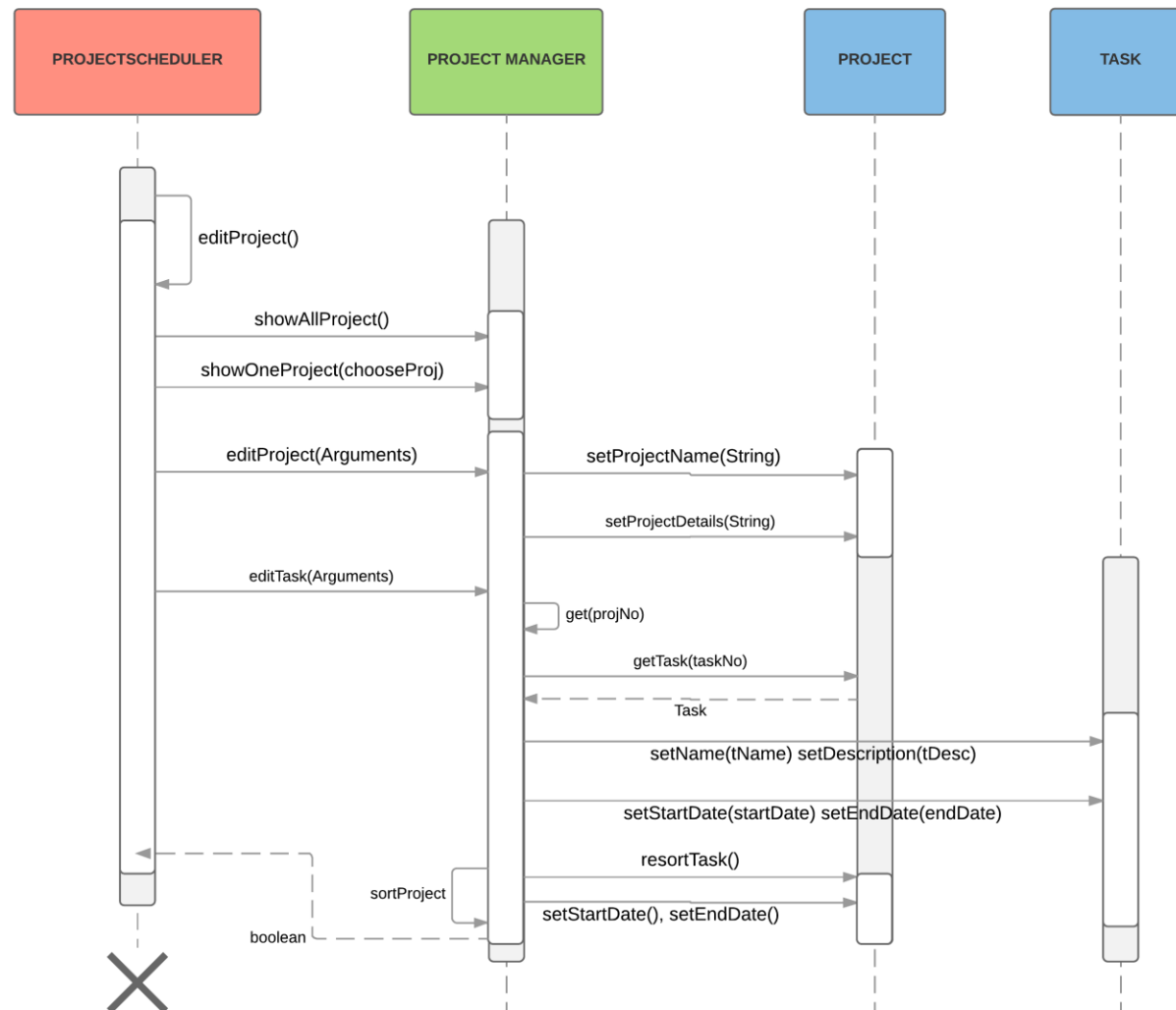
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SEQUENCE DIAGRAM

EDIT ANY EXISTING PROJECT

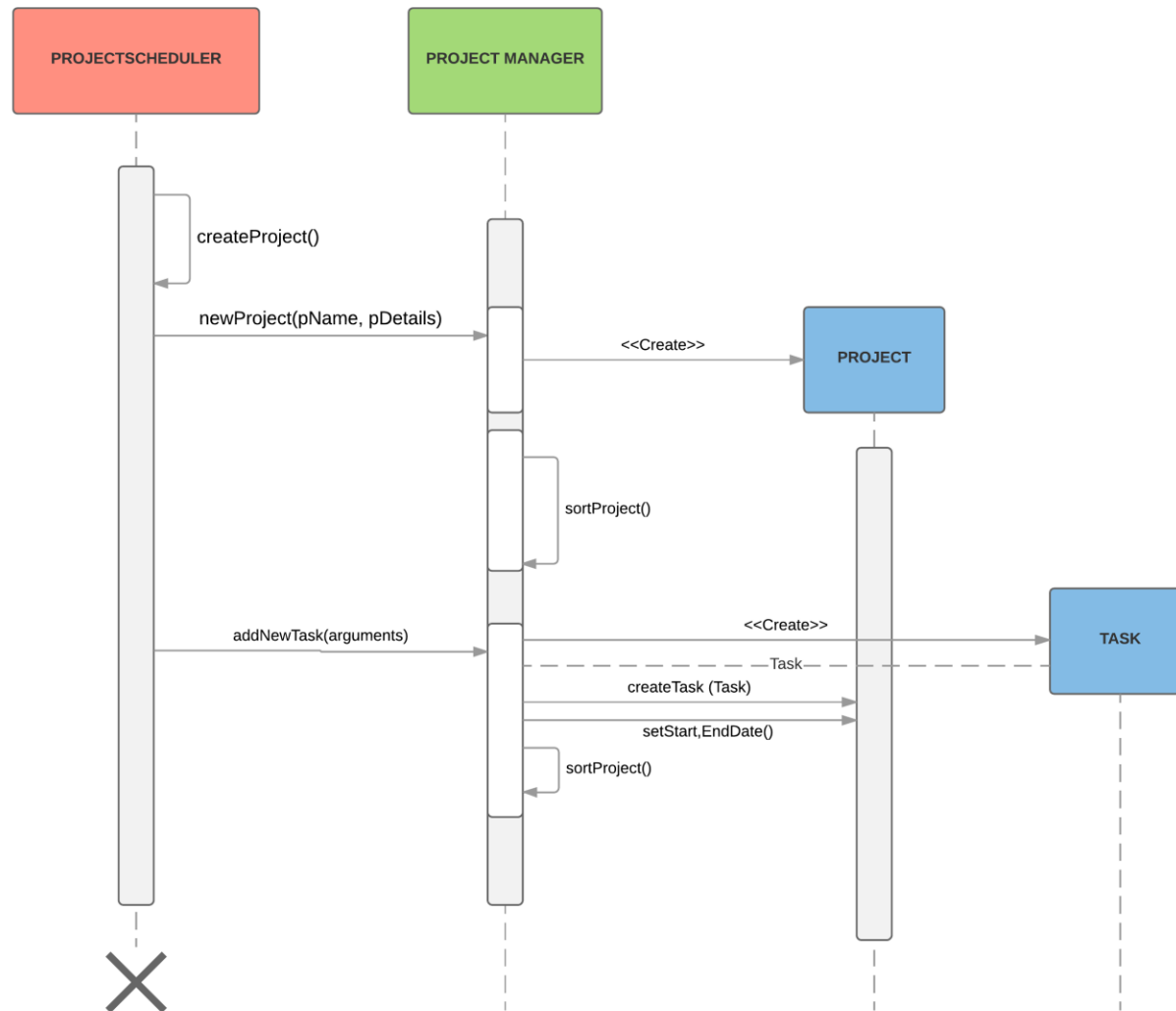
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SEQUENCE DIAGRAM

CREATE NEW PROJECT

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SEQUENCE DIAGRAM

DELETE PROJECT/TASKS

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