Open Application

Create a task

Edit existing task

Remove task
from task list

Save task list

Display task list

Shut Down
Application

APP USER

Edit Task

YES

Search task by task
number

Run application

Add Task

NO

Yes

NO

Remove task

```
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                                              ▼          │
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                         ▼          ▼           ▼        ▼
                    ┌─────────┐ ┌─────────┐ ┌──────────┐ ┌──────────┐
                    │Set title│ │Set date │ │Set Project│ │Set Status│
                    └─────────┘ └─────────┘ └──────────┘ └──────────┘
```

Update date

Update status

store updated
task to task list

Search task by task
number

Remove task

YES

NO Display task list

Yes

Display task list

YES

Store task in task list $\otimes$

NO → Save task list and
Shut down application

write to file

Display by?

Date

Show task list

write to file

write to file

Project

Task

Fields:
taskTitle String
taskDate LocalDate
taskProjectName String
taskStatus boolean

+ method(type): type

TaskSet

+ method(type): type

ToDoList

ArrayList<Task>

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displayInput()