

# Drop The Beet: Daily Planner

## Entity Classes

Schedule	
<ul style="list-style-type: none"><li>• Stores schedule for each user on each day</li></ul>	

ToDoList	
<ul style="list-style-type: none"><li>• Stores tasks to do</li><li>• Stores the complete tasks</li></ul>	

User	
<ul style="list-style-type: none"><li>• Stores name, email, password</li><li>• Store task list</li><li>• Store completed task list</li></ul>	

## Use Case Classes

ScheduleManager	
<ul style="list-style-type: none"><li>• Setup and delete timed schedule for each day</li><li>• Setup and delete repeat tasks</li><li>• Save user's birthday</li></ul>	<ul style="list-style-type: none"><li>• Schedule</li><li>• User</li></ul>

ToDoListManager	
<ul style="list-style-type: none"><li>• Setup and delete toDoLists that has no due days</li><li>• Mark done when toDoList is complete</li></ul>	<ul style="list-style-type: none"><li>• toDoList</li></ul>

UserManager	
<ul style="list-style-type: none"><li>• Reset password</li><li>• Change Email</li><li>• User register</li><li>• Stores a map of all users</li></ul>	<ul style="list-style-type: none"><li>• User</li></ul>

## Controllers

ScheduleController	
<ul style="list-style-type: none"><li>• Create various types of tasks for the user</li><li>• Change notification settings for different tasks</li></ul>	<ul style="list-style-type: none"><li>• ScheduleManager</li><li>• UserManager</li><li>• Notification</li></ul>

ToDoListController	
<ul style="list-style-type: none"><li>• Create various types of tasks for the user</li><li>• Change notification settings for different tasks</li></ul>	<ul style="list-style-type: none"><li>• toDoListManager</li><li>• UserManager</li><li>• Notification</li></ul>

Setting	
<ul style="list-style-type: none"><li>• User login</li><li>• User Register</li><li>• Reset Password</li></ul>	<ul style="list-style-type: none"><li>• UserManager</li></ul>

Notification (interface)	
<ul style="list-style-type: none"><li>• Notification stores notification (true/false as on/off)</li><li>• Remind the user that Schedules, toDoList, user's birthday, and holiday are due</li><li>• Turn on or off the notification for Schedule</li><li>• Turn on or off the notification for Holidays</li></ul>	<ul style="list-style-type: none"><li>• User</li><li>• toDoList</li><li>• Schedule</li></ul>