

- **Objective**

- To gain experience creating a simple app that uses Nodejs and Express on the server.
- To gain experience using jQueryUI.

- **Description**

You will create a simple task manager that allows the user to add and delete several different types of tasks.

- **Instructions**

1. The task manager page you create should look *something close to* the following:

Task Manager

	Task	Type	Due Date
<input type="checkbox"/>	Grade Homework	NextAction	
<input type="checkbox"/>	Create report	WaitingFor: Bob	
<input type="checkbox"/>	Visit Paris	Someday/Maybe	
<input type="checkbox"/>	Discuss project	TalkTo: Susan	
<input type="checkbox"/>	Buy Mazarati	Future	
<input type="checkbox"/>	Do mailing	Waiting For: Mailing list	10/26/2012

Description:
 Date:
 Type: Next Action ▼

The current list of tasks is shown in the table on the left. The form with 2 buttons on the right is used to add and delete tasks.

- To add a task the user does the following:
 - Fills in a description
 - Clicks on the date field and selects a date from the datepicker if desired
 - Selects one of 5 task types: **Next Action**, **Waiting For**, **Talk To**, **Future**, and **Someday/Maybe**.
 - If **Waiting For** or **Talk To** are selected, then a text box appears next to the drop down for the user to type in additional text.
 - Finally, the user clicks Add and the new task is saved to an array of tasks in the Node application on the server.
 - To delete one or more tasks, the user clicks the check boxes of the tasks to be deleted and clicks the Delete button. The tasks are immediately deleted from the database and the task list.
 - Other details of the application function should be as described in class..
2. To represent the tasks on the server you need to create a class/constructor function to represent a task that contains four fields: id, description, task type and date.
 3. The due date field must use the jQueryUI datepicker function to implement the calendar.
- (a) Create an element: `<input type="text" id="date" name="datedue" />` and then run `$("#input#date").datepicker();` when the page loads to initialize the date picker.
4. To submit your assignment, do a clean on your NetBeans project, ZIP it up and upload the zipped file to Coursesite. Place your NAME in a comment on every page in the application.