

# WEBD353 – Web Application Development

## Assignment #1 – ToDo List

### Overview:

You are going to use your knowledge of Node.js, Express, Pug and MongoDB to create an interactive ToDo List. The ToDo list will enable a user to VIEW all ToDo list items, DELETE an item and ADD a new item to the list. All ToDo list items are to be stored in a MongoDB. You need to create your ToDo list app using Node.js with Express and Pug templates.

Make sure you include the following in your app:

- The main page of your app enables a user to see all of the current ToDo list items.
- ToDo list items should have a name & date
- All ToDo list items will have a DELETE button to remove item from the list
- Have an ADD button for users to create a new item for the ToDo list. The ADD button will take users to a new page / overlay / template. This will have a FORM for a user to fill out.
- All information in the ToDo list must be saved in a MongoDB
- You must use Node.js (server), Express (Framework) & Pug (Templates) for your app.
- Give users the ability to sort or organize their ToDo list.

### Rubric:

Marking System	
Proper use of Node.js / Express / Pug	0/20%
Proper use of MongoDB	0/10%
App meets functional criteria outlined above	0/50%
Layout and Design of Your App. Is the design responsive? Is the UI user friendly?	0/10%
Ability to organize and/or sort their ToDo list	0/10%
TOTAL (30% of your Final Mark)	0/100%

**Due: February 10, 2017 @ 5pm (End of Class).**

Zip all assets and required elements and submit via BlackBoard.