



Front-End Essentials

Training Assignments

Document Code	25e-BM/HR/HDCV/FSOFT
Version	1.1
Effective Date	20/11/2012

RECORD OF CHANGES

No	Effective Date	Change Description	Reason	Reviewer	Approver
1.	01/Oct/2018	Create new	Draft		
2.					

Contents

Build a Todo App.....	4
Objective.....	4
Specification	4
Functionalities.....	Error! Bookmark not defined.
Technical Requirement	5
Guidelines.....	5



CODE:	FEE.M.L0301
TYPE:	Medium
LOC:	200
DURATION:	120 MINUTES

Build a Todo App

Objective

- Understand the core concepts of JavaScript programming language
- Understand the principles of Object-Oriented Programming (OOP)
- Able to utilize various OOP features within JavaScript
- Understand basic concept of DOM
- Able to add behavior to make web site dynamic using JavaScript (DOM)

Specification

Your task is to implement a To-Do list web app like figure below:


Browser


To-Do List


Enter text into the input field to add items to your list.

Click the "X" to remove the item from your list.

Click the item to mark it as complete.



Todo 1 

Todo 2 (completed) 

The app must fulfill below functionalities:

- User can type into an input text.
- When user press Enter, a new Todo task is added and the input text is cleared
- When user click on Add button (\oplus **symbol**), a new Todo task is added and the input text is cleared
- User can click on Delete button (**X symbol**) to remove a Todo
- User can click on a Todo to toggle its completeness i.e If a Todo is not complete, when user click on it will mark it as completed and the visual is changed so we can differentiate with other task.

Technical Requirement

- Must use OOP features to implement this app

Guidelines