## Developing React Web Parts using SPFX

**Lab Time**: 60 minutes

**Lab Folder**: C:\Student\Modules\10\_SharePointFramework\Lab

**Lab Overview**: In this lab, you will begin by creating a simple SharePoint Framework project using the Yeoman generator and by editing the code for a simple WebPart using Visual Studio Code. In the next exercise, you will move through the steps of testing your WebPart in the local SharePoint Workbench and the Chrome Debugger extension for Visual Studio Code. The lab will also teach you how to add custom properties to a WebPart and to program a SPFx WebPart against the SharePoint REST API.

**Lab Prerequisite**: This lab assumes you’ve already installed Node.JS, GIT and Visual Studio Code as described in [setup.docx](https://github.com/CriticalPathTraining/CBD365/blob/master/Setup.pdf).

### Exercise 1: Create a React WebPart

### Exercise 2: Synchronize Web Part Properties with React Component State

### Exercise 3: Build the User Interface using Office UI Fabric React Library

### Exercise 4: Call the SharePoint REST API from a Web Part

### Exercise 5: Read and Update Items in a SharePoint List