**Assignment 7.1 Template-Driven and Reactive Forms**

*Becca Buechle*

*October 25, 2020*

For this week’s discussion board assignment, research the “differences between Angular template-driven and reactive forms” and post an original thread of at least 250 words of your findings.

There are many differences between Angular template driven and reactive forms there first difference being that template driven forms will make use of the FormsModule and the reactive forms will use the ReactiveFormsModule. (Parker, C.) So, you might be wondering what the FormsModule is well, it exports the required providers and directives for a template driven form and make them available for import by the NgModules that use this module. (Angular. a) With ReactiveFormsModule will require the infrastructure and directives from the reactive forms which make them available for import by the NgModules that import this module. (Angular. b) Another difference between the two is that template driven forms are asynchronous where as Reactive forms tend to be mostly synchronous. (Parker, C.) Lastly, the template driven approach the logic is driven from the template and in the Reactive driven approach the logic come from the component or the typescript code. (Parker, C.) Template driven forms also tend to be a little easier to use, great for simple scenarios, use two way data binding, use minimal component code, it will automatically track the form and its data but trying to do any kind of unit testing can be pretty difficult to do. (Parker, C.) Reactive forms tend to have an easier time with unit testing when needed, they are also more flexible, but the coding can take a bit more to learn to get everything working correctly. (Parker, C.) Reactive also does not use any data binding, less HTML us used but more component code is used. (Parker, C.) Both Reactive forms and Template driven forms have their pros and con’s you just have to figure out which is the right fit for your project.

**Bibliography**

Angular. a (2020). FormsModule. Retrieved October 25, 2020, from <https://angular.io/api/forms/FormsModule>

Angular. b (2020). ReactiveFormsModule. Retrieved October 25, 2020, from https://angular.io/api/forms/ReactiveFormsModule

Parker, C. (2019, May 21). Chris Parker. Retrieved October 25, 2020, from https://www.pluralsight.com/guides/difference-between-template-driven-and-reactive-forms-angular