In Angular there appears to be multiple ways to create forms. These two ways are template driven forms and reactive forms. Each of these are just one of the many ways that you could create a form.

In order to set up the template driven form we must import FormsModule from @angular/forms in the root application module. (Angular University, 2023) Once added we can now use ngForm in our html form. Such as <form #newForm=’ngForm’></form> This allows us to use the template that we imported in. The directive ngForm will “keep track of the overall validity state of the form”. (Angular University, 2023) ngForm is also used with its child ngForm and ngSubmit. ngForm essentially binds the input fields together, such as a username and password field. The ngSubmit is needed if all the input fields are required.

For reactive forms, we import NgModule from @angualr/core and ReactiveFormsModule from @angular/forms in the root application. (Angular University, 2023) In reactive forms we need to use the directive of formGroup bound to a variable in this case form. < form [formGroup]=’form’> We will then make our API but importing FormGroup, FormControl, Validators and FormBuild from the @angular/forms. (Angular University, 2023) then export a class that has our variable name in the body with parameters. We also have to add required if we it to require any the input fields when the submit button is pressed. (Angular University, 2023)

export class ReactiveForm {

form = fb.group({

‘userName: [‘’, Validators.required],

‘password’: [‘’. Validators.required]

});

There are many advantages to both forms, and neither of them or wrong to use. But one form may be easier to define the component classes while the other one can make it easier for backend data use. (Angular University, 2023)

Reference:

Angular University. (2023). Angular Forms Guide: Template Driven and Reactive Forms. *Angular University*. <https://blog.angular-university.io/introduction-to-angular-2-forms-template-driven-vs-model-driven/>

*Angular*. (n.d.-e). <https://angular.io/guide/reactive-forms>

*Angular*. (n.d.-f). https://angular.io/guide/forms