**PERSONAL PORTFOLIO**

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**BRANCH: AALV**-**193\_Attempt\_2**

A branch in which I added JQuery datepickers to all forms with Date fields. This task had to be performed with JQuery due to Firefox not accepting ‘date’ input fields (HTML5). This provided a more solid form of front-end date validation by not allowing the user to choose any unrealistic or invalid dates. It also looked more appealing than having to type a date into a text field. In order to do this, I had to add some libraries and a css link to header.ejs, alter the date field in the form view (ejs file) and add a small JQuery function to the component (js file) for each form. See example below and see branch for more details.

**header.ejs**  (added these links to the page, adding necessary library items for the JQuery-UI Datepicker)

<script src="http://ajax.googleapis.com/ajax/libs/jquery/1.4.4/jquery.min.js"></script>

<script src="http://ajax.googleapis.com/ajax/libs/jqueryui/1.8.7/jquery-ui.min.js"></script>

<link rel="stylesheet" type="text/css" href="//code.jquery.com/ui/1.12.1/themes/base/jquery-ui.css" />

Student Registration: **registrationForm.js** (added this function containing JQuery)

app.RegisterFormComponent.prototype.ngOnInit = function() {

$('.datepicker')

.datepicker({

dateFormat: 'dd/mm/yy',

changeMonth: true,

changeYear: true,

minDate: '01/01/1900',

maxDate: 0,

yearRange: "1900:-0",

monthRange: "Jan:Dec",

showAnim: "fadeIn",

onSelect: (date) => { this.student.birthday = date; }

}).attr('readonly', 'readonly');

};