**PERSONAL PORTFOLIO**

**BRENDAN ROTHWELL**

**N8540683**

**ARTEFACT 4**

**BRANCH: AALV-195**

I added a gender field to every registration form once the team had realized it was needed. This involved adding the field in the view (html/ejs file) and also adding the necessary back end code to that which was already there. This allowed our team to have a more thorough and realistic account for users and also for students to be able to choose a teacher of a particular gender. See branch listed above and example code below. Example is of just one of the forms.

Student Registration: **registerForm.component.ejs**  (added this input to the form)

<div class="row">

<div class="col-sm-6">

<label for="gender">Gender:</label>

<select id="gender" name="gender" #gender="ngModel" [(ngModel)]="student.gender" pattern="^Male$|^Female$" required>

<option value="" disabled selected>Select Gender</option>

<option value="Male">Male</option>

<option value="Female">Female</option>

</select>

<p class="errorMessage" [hidden]="(gender.valid || gender.untouched) && isValid.gender">A Value must be selected.</p>

</div>

</div>

**registerForm.component.js** (added gender to existing component)

(function(app) {

app.RegisterFormComponent =

ng.core.Component({

selector: 'register-form' ,

templateUrl: localPath+'views/registerForm.component.ejs',

styleUrls: ['../..'+localPath+'css/registerForm.component.css']

})

.Class({

constructor: [

app.RegistrationService,

ng.router.Router,

function(RegistrationService, Router) {

this.RegistrationService = RegistrationService;

this.Router = Router;

this.student = new Student();

this.submitted = false;

this.isValid = {

firstName:true,

middleName:true,

lastName:true,

birthday:true,

address:true,

phoneNumber:true,

email:true,

password:true,

**gender:true, // THIS LINE ADDED BY ME**

errorMessage:''

};

**StudentRegistrationRouting.js** (added gender to the database query)

var studentCols = "first\_name, middle\_name, last\_name, dob, address, phone\_no, email, password\_id, is\_dormant, date\_registered, **gender**"; **// ‘gender’ ADDED BY ME**

var newStudentQuery = {

text: "INSERT INTO music\_school.students("+studentCols+") VALUES("

+"$1,$2,$3,"

+"to\_date($4, 'DD MM YYYY'),$5,$6,$7,"

+"(SELECT MAX(id) FROM music\_school.passwords WHERE password = $8),$9,"

+"to\_date($10, 'Dy Mon DD YYYY'),**$11**" **//’$11’ ADDED BY ME**

+")",

name: "create-new-student",

values: [

student.firstName

, student.middleName

, student.lastName

, student.birthday

, student.address

, student.phoneNumber

, student.email

, hashedPassword

,"FALSE"

,d.toDateString()

**, student.gender //ADDED BY ME**

]

};