

## Form Validators

Field	Form Validators	Status
Email Address	Email validated through a Regular Expression Length >0	Pass
First Name	Name validated through a Regular Expression Length >0	Pass
Last Name	Name validated through a Regular Expression Length >0	Pass
Password	Length >=6	Pass
Confirm password	Password==Confirm password Length >=6	Pass
Birthday	Birthday is not empty	Pass
Level of Study	DropDownValue must be selected	Pass
Program	DropDownValue must be selected	Pass
Faculty/Division	DropDownValue must be selected	Pass

## Unit Tests

```
Programs Model
  ✓ create method should add a new program
  ✓ show method should show a program given an email
  ✓ index method should show all programs

Users Model
  ✓ create method should add a new user
  ✓ auth method should return user if email and password match
  ✓ index method should show all users
  ✓ show method should show a user given an email
```

## Integration Tests

# Note: By integration tests we are testing the integration of the PostgreSQL Database with the express API handlers

```
Programs Endpoints
  ✓ POST /program should return status code 200 (success) if program can be created and auth token provided
  ✓ GET /program should return status code 200 (success) and index all programs if auth token is provided

User Endpoints
  ✓ POST /users should return status code 200 (success) if user can be created and return JWT token
  ✓ GET /users should return status code 200 (success) and index all users if user passes JWT token
  ✓ GET /users/account should return status code 200 (success) if user passes JWT token
  ✓ GET /auth/:email/:password should return status code 200 (success) and auth token if user passes a correct email and password combination
```