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| 1. Unit Test Plan Scope (In Scope – Out of Scope) | |
| **In Scope** | **Out of Scope** |
| -Validate user signup form | -HTML functionality |

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| 2. Unit Test Cases | | | |
| **ID** | **Test Function** | **Input Value** | **Expected Output** |
| 2.1 | ngOnInit() {  this.myForm = new FormGroup({  firstName: new FormControl(null, Validators.required),  lastName: new FormControl(null, Validators.required),  email: new FormControl(null, [  Validators.required,  Validators.pattern("[a-z0-9!#$%&'\*+/=?^\_`{|}~-]+(?:\.[a-z0-9!#$%&'\*+/=?^\_`{|}~-]+)\*@(?:[a-z0-9](?:[a-z0-9-]\*[a-z0-9])?\.)+[a-z0-9](?:[a-z0-9-]\*[a-z0-9])?")  ]),  password: new FormControl(null, Validators.required)  });  } | firstName: string  lastName: string  email: string  password: string | firstName: string  lastName: string  email: string  password: ‘encrypted string’ |

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| 3. Unit Test Results | | |  |  |
| **ID** | **Test Cases** | **Pass/Fail** | **Tested By** | **Date Tested** |
|  | firstName: null  lastName: null  email: null  password: null | Pass  \*HTML does not allow to null entries | Karlo Gonzales | 10/04/17 |
|  | firstName: string  lastName: string  email: email  password: string | Pass  \*email field requires the format email format | Karlo Gonzales | 10/04/17 |
|  | firstName: Test  lastName: Test  email: test@test.com  password: Test | Pass  \*email field requires the format email format | Karlo Gonzales | 10/04/17 |