



**FACULTY OF COMPUTING  
RIPHAH INTERNATIONAL UNIVERSITY**

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## **ASSIGNMENT 4**

**FACULTY OF COMPUTING**

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**SOFTWARE QUALITY ENGINEERING  
BS-SE**

<b>USE CASE NAME</b>	Create profile
<b>ACTORS</b>	User
<b>DESCRIPTION</b>	The user will create the profile in system
<b>TRIGGERS</b>	The user will press create profile button
<b>PRECONDITIONS</b>	The user will login the system.
<b>POST ONDITIONS</b>	The user will save the information and quit the system.
<b>NORMAL FLOW</b>	<ol style="list-style-type: none"><li>1. User will logged in the system</li><li>2. User will enter the name</li><li>3. User will attach phone number</li><li>4. User will enter the email</li><li>5. User will enter the address in the system</li><li>6. User will add the profile photo is system</li><li>7. User will select the city</li><li>8. User will enter the education</li><li>9. User will submit all the data</li></ol>
<b>ALTERNATIVE FLOW</b>	<p>6a city not found in the list</p> <p>8a user is uneducated</p> <p>9a user is student</p>

## Equivalence Class Partitioning

### Phone Number:

Phone Number Should only contains integers, and of length between 9 and 11.

**Acceptable Number** = {1,2,3, 4...}

**Unacceptable Number** = { }, { @, #,\$,%,^}, {a,b,c,d...}

**Valid Length** = {9<phone.length<11}

**Email:**

**Valid** = { a,b,c ....}, {1,2,3....}, {[. @](#)}

**Invalid** = { }, {!,#,\$,% ^,&,\*}, [Email  $\notin$  [{ @,.. }](#)]

**Address:**

**Valid** = {a,b,c....} {1,2,3.....} {#,:}

**Invalid** = { @\$%\*! }

**Name:**

**Valid** = {a,b,c....}

**Invalid** = { @\$%\*! } {1 to 9}

**Profile photo:**

**Valid** = {jpg ,png ,jfg.}

**Invalid** = {gif ,fil ,doc ,pdf ,video}

**City name:**

**Valid** = {a to z}

**Invalid** = { @\$%\*! } {1 to 9}

**Education:**

**Valid** = {a to z}

**Invalid** = { @\$%\*! } {1 to 9}

Scenario/ Condition	Name	Phone	Email	Address	photo	city	Educatio n	ECP & BVA	Expected Result

Scenario-1  Entering required data for Successful profile creation	Asfand yar	03335402853	26736@students.riphah.edu.pk	HNO 23, Sreet# 23, sadar	Profile.png	Islamabad	Business administration	Phone valid={1,2,3, 4...} {9<phone.length<11}  Email valid = { a,b,c ....}, {1,2,3....}, <a href="#">{.@}</a>  Address = valid {a,b,c....} {1,2,3.....} {#,:}  Name valid={a to z}  Profile photo valid={jpg ,png ,jfg}  City name valid={a to z}  Education valid ={a to z}{.,}	All details are added successfully of profile.
Scenario-2  Entering required data for Successful profile creation	Ali hassan	051-402854334 23	\$xyz@gmail.com	House#21, Street# 02 Rawalpindi	Profile.png	sialkot	BA .English	Phone valid={1,2,3, 4...} {9<phone.length<11}  Email valid = { a,b,c ....}, {1,2,3....}, <a href="#">{.@}</a>  Address = valid {a,b,c....}	Some thing is invalid please try again.

								{1,2,3.....} {#,:}  Name valid={a to z}  Profile photo valid={jpg ,png ,jfg}  City name valid={a to z}  Education valid = {a to z}{.,}	
Entering required data for Successful profile creation	Muhammad hammad	03239232992	Hammad@hotmail.com	CB 46 I-14	Profile photo.jpg	rawalpindi	Computer sciences	Phone valid={1,2,3 , 4...} {9<phone.length<11}  Email valid = { a,b,c ....}, {1,2,3....}, <a href="#">{.,@}</a>  Address = valid {a,b,c....} {1,2,3.....} {#,:}  Name valid={a to z}  Profile photo valid={jpg ,png ,jfg}  City name valid={a to z}  Education	Successfully profile details updated

								valid = {a to z}{.,}	
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