If ( user != null )

|  |  |  |
| --- | --- | --- |
| Combination | Possible test case | Branch |
| T | user(Kristijan,LabVezba!23) | ABC |
| F | user() = null | ABX |

If ( user.getPassword != null && user.getUsername != null)

|  |  |  |
| --- | --- | --- |
| Combinataion | Possible test case | Branch |
| TT | user(Kristijan,LabVezba!23) | CDE |
| TF | user(Kristijan,null) | CX |
| FX | user(null,Labvezba1) | CX |

If (!passwordLower.containst(user.getUsername().tolowercase ) && password.lenght > 8)

|  |  |  |
| --- | --- | --- |
| Combinataion | Possible test case | Branch |
| TT | user(Kristijan,LabVezba!23) | FG |
| FX | user(Kristijan,KristijanLab!23) | FX |
| TF | user(Kristijan,LabVe1) | FX |

If (Character.isDigit(password.charAt(i))) , i=10

|  |  |  |
| --- | --- | --- |
| Combinataion | Possible test case | Branch |
| T | user(Kristijan,LabVezba!23) | IJ |
| F | user(Kristijan,KristijanLab!23) | IY |

If (Character.isUpperCase(password.charAt(i))) , i=0

|  |  |  |
| --- | --- | --- |
| Combinataion | Possible test case | Branch |
| T | user(Kristijan,LabVezba!23) | KL |
| F | user(Kristijan,KristijanLab!23) | KY |

If (SpecialCharacter.contains(String.valueOf(password.charAt(i))) , i=9

|  |  |  |
| --- | --- | --- |
| Combinataion | Possible test case | Branch |
| T | user(Kristijan,LabVezba!23) | MN |
| F | user(Kristijan,KristijanLab!23) | MY |

If (digit && upper && special)

|  |  |  |
| --- | --- | --- |
| Combinataion | Possible test case | Branch |
| TTT | user(Kristijan,LabVezba!23) | OP |
| TFX | user(Kristijan,kristijanlab!23) | OX |
| TTF | user(Kristijan,Kristijanlab123) | OX |
| FXX | user(Kristijan,kristijanlab!@#) | OX |