***Q2) Bug identification and reporting***

I usually use JIRA for this purpose. In the following table, I will document it manually as good as possible.

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| **Test Case ID** | 1 | **Severity** | High | **Executed by** | Premkumar Vincent |
| **Test case description** | Invalid Username is accepted | | | | |
| **Pre-Condition** | * Load http://13.209.85.69/ | | | | |
| **Test data** |  | | | | |
| **Test Steps** | 1. Enter the username. Test the following conditions:    1. Username Case sensitive test    2. Username with spaces    3. Username with special characters apart from the allowed: ‘. , \_ , and -‘ special characters    4. An email as the username. Cannot be an email (since there is a separate section for email)    5. Make a username greater than 320 characters (usually this is the limit) 2. Enter a valid password and email 3. Click *Register* | | | | |
| **Expected Result** | 1. Username is shown as invalid | | | | |
| **Actual Result** | **Bus reports:**   1. Username is accepted with spaces - Fail 2. User accepts all special characters (can be security risk) - Fail 3. Not able to check Case sensitivity since page refreshes (no output feedback on the registered profile) - Fail 4. Accepts an email - Fail 5. Username doesn’t seem to have a character limit – Under Review | | | | |

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| **Test Case ID** | 2 | **Severity** | High | **Executed by** | Premkumar Vincent | |
| **Test case description** | Weak Password is accepted | | | | |
| **Pre-Condition** | * Load http://13.209.85.69/ | | | | |
| **Test data** |  | | | | |
| **Test Steps** | 1. Enter the password. Test the following cases:    1. Enter ‘password123’ as the password. This should not be allowed as it is bad practice to use weak passwords 2. Enter Username and Email 3. Click *Register* | | | | |
| **Expected Result** | 1. Password is not accepted | | | | |
| **Actual Result** | **Bugs report:**   1. Password from hacked password list directory is allowed - Fail | | | | |

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| **Test Case ID** | 3 | **Severity** | High | **Executed by** | Premkumar Vincent |
| **Test case description** | Invalid email is accepted | | | | |
| **Pre-Condition** | * Load http://13.209.85.69/ | | | | |
| **Test data** |  | | | | |
| **Test Steps** | 1. Enter the email. Test the following cases:    1. Add dot ‘.’ as the first character    2. Test email with 2 consecutive dots ‘..’    3. Test email without a domain or top-level-domain 2. Enter valid username and password 3. Click *Register* | | | | |
| **Expected Result** | 1. Email is warned as invalid | | | | |
| **Actual Result** | **Bug reports:**   1. Email accepted without a domain – Fail 2. Email accepted without top-level-domain like .co.kr - Fail 3. Email accepted with dot as first character – Fail 4. Email accepted with 2 consecutive dots – Fail | | | | |
| **Comments** |  | | | | |