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| User Case ID | UC-01 |
| Use Case Name | Signup |
| Description | A guest can sign up with a new username and password that are not in the database. |

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| Users | New User | | |
| Pre-conditions | Taking the base information (username name, password) to create an account in the database. | | |
| Post-conditions | None | | |
| Frequency of Use | A guest visits the index of the web page | | |
| Flow of Events | Actor Action | System Response | Comments |
| 1. Click Signup button on index | Post a Signup form |  |
| 1. Click Submit | Post entered information |  |
| 1. Populate login information to DB | Display entered user information |  |
| Test Pass | Passed | | |
| Notes and Issues |  | | |
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| User Case ID | UC-02 |
| Use Case Name | Login |
| Description | A signed-up user can login the web with the username and password |

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| Users | Registered user | | |
| Pre-conditions | Must sign up successfully | | |
| Post-conditions | Show a particular page what display user information | | |
| Frequency of Use | After logging in | | |
| Flow of Events | Actor Action | System Response | Comments |
| 1. Take user name and password | Render a login form |  |
| 1. Find user in database | Create a user object to store user information |  |
| 1. Render content containing user information | Check validation of user information; render the content depending on the user input |  |
| Test Pass | Pass | | |
| Notes and Issues |  | | |
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| User Case ID | UC-03 |
| Use Case Name | External Connection |
| Description | Offering a page for external connection |

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| Users | All users | | |
| Pre-conditions | None | | |
| Post-conditions | None | | |
| Frequency of Use | All users | | |
| Flow of Events | Actor Action | System Response | Comments |
| 1. Display the links to other websites | Render a page |  |
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| Test Pass | Pass | | |
| Notes and Issues |  | | |
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