Manual test cases :-

Functional :-

1. Click on Login button on home page of Geminid Systems url. Validate if login button is visible or not.
2. Validate login button click. Once the button is clicked, a pop up should appear.
3. Validate production button click on pop up. After clicking it, page should be redirected to Salesforce login page.
4. Perform exploratory testing. Validate shape, size and position of login button, username and password text area, salesforce login button, production button on popup.
5. Validate that the password entered by user should not appear in plain text. It should be some special chars i.e asterisk etc.

Non Functional :-

1. Launch Url on extremely slow network. Validate if url is getting opened or there is a timeout error.
2. Launch Url on multiple platforms i.e Windows, Linux, OS X etc. and in multiple browsers like Firefox, Safari, Opera, Chrome. Validate if it is getting opened or not.
3. Launch Url on a system with extremely low configuration i.e 256 MB RAM, 8/16 bit processor.

Automated test cases :-

Functional :-

1. Input different possible values of username & password such as :-

|  |  |
| --- | --- |
| Username | Password |
| Jdfkladsf | Jlsdfjdkslf |
| Alphanumeric i.e Fhlk234 | Jskdf2499 |
| Numeric i.e 948574 | 34897895734 |
| < letters from other lang. like hindi, french > | < letters from other lang. like hindi, french > |
| Null | Null |
| Combination of capital and small letters i.e FESjldkf | RESjfdsk |
| Username starting with special characters. |  |
| Special chars i.e &, \*, @, #, ! | Special chars i.e &, \*, @, #, ! |

1. Input username and password with length greater that 50 or more. Validate the length of username and password accepted(Boundary value analysis).
2. Validate login with different combination of username and password :-

i)correct username, correct password – Login should be successful

ii)correct username , incorrect password – Login should be unsuccessful.

iii)incorrect username, correct password – Login should be unsuccessful.

iv)incorrect username, incorrect password – Login should be unsuccessful.

Non functional :-

1. Make multiple (more that 1 million or so)GET/POST request to the same resource from multiple browser instances/systems. Validate if the website is prone to DOS/DDOS attack or not.
2. Perform Sql injection.