UC 1.5 Log in Page

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| Name | Hashing Passwords |
| Summary | System provides an interface where users can enter their credentials to gain access to their account and the websites features |
| Rationale | Login page is essential for the website to have data that should be kept private and ensures only authorized users can access their personal data. |
| Actors | System, User |
| Precondition | UC 1.4 Hashing Passwords |
| Elements | 1. Username/Email    1. Field where users enter their registered username or email 2. Password    1. Masked input field where users enter their password |

Ideal Flow:

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| Step | Action |
| 1 | User provides a username and password in the fields |
| 2 | User clicks Login button |
| 3 | System checks the credentials against stored data |
| 4 | If credentials match, user is granted access otherwise an error message is displayed that user/password do not match |

Alternative Flow 1:

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| Step | Action |
| 1 | User provides a username and password in the fields |
| 2 | User clicks Login button |
| 3 | System checks the credentials against stored data |
| 4 | Credentials do not match and displays an error message |
| 5 | After several unsuccessful login attempts, system locks the user account temporarily to prevent unauthorized access and brute force attacks |
| 6 | User receives a notification about the locked account and to contact support |