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| Security Method | Description of Method | Pros | Cons |
| Password Protection/ account creation | Users must enter a password to access the website or they will have to make an account to enter the website. | Familiar to most users. Provides basic security. | Can be forgotten or easily guessed. Some elderly users may struggle with password management. |
| Two-Factor Authentication (2FA) | Requires users to provide a second form of identification (e.g., SMS code, email confirmation) in addition to a password. | Adds an extra layer of security. Can be configured to be user-friendly. | Requires users to have access to a secondary device or method of communication, which may be challenging for some elderly users. |
| Biometric Authentication | Uses unique physical characteristics (e.g., fingerprints, facial recognition) to authenticate users. | Convenient and difficult to replicate. Doesn't require users to remember passwords. | May be more expensive to implement. Some elderly users may have difficulty with the technology or be uncomfortable with biometric data. |
| CAPTCHA | Presents users with a challenge to prove they're human (e.g., identifying objects in images). | Effective in preventing automated attacks. Can be implemented with various levels of difficulty. | May be confusing or frustrating for elderly users, especially those with vision or cognitive impairments. |
| Activity Monitoring | Tracks user behaviour on the website to detect suspicious activity. | Can identify unusual patterns or unauthorized access quickly. | May raise privacy concerns among users, especially if not clearly communicated or if data is mishandled. |
| Username | Feature that will allow for users to select a username of their choosing and the main reason for this is so their real names are hidden from any attacks, and they will use their users’ names alongside their email to sign in to their account | Adds another layer of security to the login page requiring now 3 pieces of information; email, password, username | Users may forget their usernames and they will need to change their username. |

Best Method: Two-Factor Authentication (2FA) is considered the best method as it adds a significant layer of security without being overly complicated for most users. It balances security and usability relatively well.

Worst Method: Biometric Authentication may be considered the worst method for elderly care websites due to potential difficulties with technology adoption and concerns about privacy and consent related to biometric data.

2nd Best Method: Username was implemented within the websites sign in page and this was to add another layer of security to the users account so now users will need to provide 3 pieces of information to sign into their account such as; username, password and their email address.