**User register feature – email entry**

* When creating an account, the entered value for the email field has to end in “@gmail.com” for it to be considered a valid email address.
* The register button is disabled until this requirement is met, considering everything else is entered correctly

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| **Test Scenario** | **Test scenario description** | **Expected Outcome** |
| Input = “” | Field is left blank | Register button disabled |
| email@yahoo.com | Entered value does not end in the correct sequence | Register button disabled |
| [valid@gmail.com](mailto:valid@gmail.com) | Entered value ends in @gmail.com | Register button is enabled |
| [email@gmail.com.org](mailto:email@gmail.com.org) | Entered value contains the correct sequence, but it is not placed at the end. | Register button disabled |

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| --- | --- | --- | --- |
| **INVALID** | **INVALID** | **VALID** | **INVALID** |
| Empty | [email@yahoo.com](mailto:email@yahoo.com) | [valid@gmail.com](mailto:valid@gmail.com) | valid@gmail.com.org |
| Partition 1 | Partition 2 | Partition 3 | Partition 4 |

**User register feature – birth date**

* In order to register, a user must be over 18 years old.
* Entering a year that results in (currentYear – enteredYear < 18) will result in a warning.
* Assuming the currentYear value is 2023

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| **Test Scenario** | **Test scenario description** | **Expected Outcome** |
| Value > 2005 | The user entered a value that is bigger than 2005 | Warning is displayed. |
| Value <= 2005 | The user entered a value that is smaller or equal to 2005 | Able to register successfully |

|  |  |
| --- | --- |
| **VALID** | **INVALID** |
| 1900 2005 | 2006 2023 |
| Partition 1 | Partition 2 |

**User register feature – username length**

* The usernamehas to be between 5 and 10 characters.
* Entering a username that does not follow the constraints will result in a warning.

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| **Test Scenario** | **Test scenario description** | **Expected Outcome** |
| Username > 10 letters | The user entered a username that is longer than 10 letters | Warning is displayed. |
| Username < 5 letters | The user entered a username that is shorter than 5 letters | Warning is displayed. |
| 5 letters <= username <= 10 letters | The user entered a username that is longer than 4 and shorter than 11 letters | Able to register successfully |

|  |  |  |
| --- | --- | --- |
| **INVALID** | **VALID** | **INVALID** |
| 0 4 | 5 10 | 11 INFINITY |
| Partition 1 | Partition 2 | Partition 3 |