**Task1 - Exploratory Test**

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| **Description** | **Severity** |
| 1. Email field accepts invalid email format. | High - Incorrect data may cause communication issues. |
| 1. 'Next' button is enabled when mandatory fields are empty. | Medium - Leads to incomplete user registration. |
| 1. Password and confirm password fields do not check for match. | High - Could result in inability to log in due to mismatched password. |
| 1. No feedback for existing email entered. | Low - User may not understand why registration fails. |
| 1. No confirmation when password meets complexity requirements. | Medium - Lack of information on password strength may confuse users. |
| 1. No confirmation email after registration. | Medium - Users may be uncertain about the account status. |

**Task2 - Automated Tests**

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| **Test Cases** |
| 1. Verify the email field rejects invalid email formats |
| 1. Verify the 'Next' button is disabled when mandatory fields are not filled |
| 1. Verify an error message appears if the password and confirmation do not match |
| 1. Verify an error message when an already registered email is used |
| 1. Verify the password strength indicator during password creation |
| 1. Verify user-friendly success messages upon registration completion |
| 1. Verify confirmation email post-registration |

**Task3 – Developer Feedback**

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| **Feedback** |
| 1. Implement front-end validation for email format to prevent incorrect submissions |
| 1. Disable **'Next'** button until all required fields are filled |
| 1. Validate password matching criteria during registration |
| 1. Provide clear error messages for duplicate email entries |
| 1. Include password strength indicator to better user interaction |
| 1. Validate the input field length and type of data |
| 1. Include an email verification as part of the registration for successful registration |

**Task4 – Share GitHub**

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| **Details** | **Value** |
| GitHub Repository URL | [**https://github.com/VasuEdara/codetest**](https://github.com/VasuEdara/codetest) |
| Chosen Testing Tool | Selenium Webdriver with Java, TestNG |
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