**Task1 - Exploratory Test**

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| **Description** | **Severity** |
| 1. Email field accepts invalid email format | High - Incorrect data may cause communication issues |
| 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. 'Next' button is enabled when mandatory fields are empty | Medium - Leads to incomplete user registration |
| 1. No restriction in the data type and size for all the Input fields in the contact tab | High – Security risk it allows malicious injection |
| 1. Allowing the negative values in the fields Card Number, Card CVV, and Card Expiry date under Payment tab | High – Impact on the business transactions |
| 1. Allowing digits and special char’s in the Card Holder Name input field | High – Details under the payment section must accurate while tracking |
| 1. No confirmation email after successful 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**](about:blank) |
| Chosen Testing Tool | Selenium Webdriver with Java, TestNG |
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