**Exercise 1.1**

**UI and Alignment Issues**

1. Heading Typo: “New Realstratio” should be “New Registration”.

2. Misaligned Labels and Fields: Textboxes and labels are not consistently aligned.

Example: “Choose User Id” label and input box are misaligned.

Inconsistent Font Sizes and Formatting: The fonts and styles of labels are inconsistent and not professional.

**Validation Defects**

Password and Confirm Password Mismatch:  
Password field contains “\*\*\*\*\*\*\*\*” (masked, but possibly valid),  
Confirm Password field has visible text: "hello123".  
They don't match — validation should trigger an error.

Invalid Characters in Username:  
User ID "TS1Dw\_5&" contains special character '&'.  
Usually, special characters like '&' are not allowed unless specified. Validation needed.

Name Field Format:  
Name: "Tester1.1 and Tester 1.2" — seems to have two names in one field.  
Usually, names should not contain numbers or special characters like “.” unless allowed.  
Also, “and” indicates multiple users, which is incorrect.

Empty Email Field:  
Mandatory field left blank.  
Should not proceed without valid email input.

Country Field:  
Shows "asd", which is not a valid country.  
It should be a dropdown or validated text field with real country names.

**Security/Usability Issues**

Password Field is Masked; Confirm Password is Not:  
Confirm password field should also be masked for privacy and security.

Captcha is Not Clearly Visible:  
The CAPTCHA text and image are partially blurred and unclear.  
Verification input box is labeled only as “f” — unclear and poor UX.

Email Field Guidance Issue:  
“Requires verification. Will not be published.” is unclear and not user-friendly.

**Missing Features**

No Input Validation Messages:  
There is no feedback for missing or incorrect fields.  
No Clear 'Reset' Option:  
A 'Reset' button is often provided alongside 'Register'.

**General Best Practices Not Followed**

Use of unclear labels like “Choose User Id” instead of “Choose Username”.  
Field hints or placeholder text are missing, which can help users fill the form correctly.  
  
  
**Exercise 1.2**

**UI/Functional Defects:**

Incorrect Shortcut Key for Undo:  
Undo is mapped to Ctrl + E, but the standard shortcut is Ctrl + Z.  
Ctrl + E is usually associated with center alignment in many applications.

Improper Window Title:

Title is just “PAGE 1”, which is unclear.  
Ideally, it should reflect the application name, e.g., "Untitled - MyTextPad".

Missing Toolbar or Icons:  
No toolbar or icon shortcuts for common actions like Save, Cut, Copy, Paste — poor UX.  
  
**Usability Enhancements:**

Help Menu is Empty or Not Detailed:  
No visible sub-options under Help — it should ideally include “About”, “Documentation”, or “Help Topics”.  
Minimal Visual Feedback or Status Bar:  
There's no status bar (e.g., line number, word count, save status).  
A simple status bar enhances user experience.

**Exercise 1.3**

**UX Issues & Suggestions:**

Unclear Labels:  
“What is your e-mail address?” and “My e-mail address is:” are redundant and wordy.  
Suggestion: Use a single, clear label like:  
Label: Email Address  
Placeholder: Enter your email

Incorrect Grammar:  
“Do you have password?” should be “Do you have a password?”  
Suggestion: Correct grammatical error to maintain professionalism and clarity.

Confusing Radio Button Options:  
“No, I am a new customer” and “Yes, I have a password” are not symmetrical in structure or logic.

Suggestion: Reframe as:  
I am a new user  
I am a returning user

Missing Password Field:  
No field is shown to enter the password, even when “Yes, I have a password” is selected.  
Suggestion: Dynamically display the password field when “Yes” is selected.

Button Label is Confusing:  
“Sign in using our secure server” is long and not standard.  
Suggestion: Use a common and user-friendly label like “Sign In” or “Login Securely”.

Forgot Password Link Placement:  
The link “Forgotten your password?” is not clearly aligned or styled.  
Suggestion: Place it directly below the password field with standard styling (blue, underlined).

No Input Validation or Hints:  
No indication of required fields or formats (e.g., “example@domain.com”).  
Suggestion: Add placeholder text, error messages, and tooltip support.

No ‘Show Password’ Option:  
Users often want to view the password as they type.  
Suggestion: Include a checkbox like “Show Password” for ease of entry.

Mobile Responsiveness:  
No indication of responsiveness or accessibility support.  
Suggestion: Ensure the layout is mobile-friendly and screen reader-compatible.

**Gunda Phaninder - 52161185**