**Identify routine for each Scenario-MS**

**Scenario 1**: Email Validation - John is filling out a registration form for an online platform. He enters his email as "john@example-xyz.com".

The validation routine checks if the email format is valid, i.e., it contains an @ symbol and a domain name. Since "example-xyz.com" does not follow the correct domain format, an error message is displayed, prompting John to correct his email.

**Scenario 2**: Password Validation - Sarah is creating a new password for her online banking account. She enters "password123" as her password choice.

She enters "password123" as her password choice. The validation routine checks if the password meets the defined requirements, such as a minimum length of 8 characters, a mix of uppercase and lowercase letters, and at least one special character.password123" does not meet these requirements, an error message is shown, prompting Sarah to choose a stronger password.

**Scenario 3**: Date Validation - Michael is entering his birthdate on a job application form. He inputs "30/02/1990" as his birthdate.

The validation routine checks if the date is valid, considering factors like leap years and correct month ranges. As "30/02/1990" is not a valid date, an error message is displayed, prompting Michael to enter a correct date

**Scenario 4:** Numeric Validation - Alice is filling out an order enters "ABC123" as the quantity for a particular item.

The validation routine checks if the input is numeric and within the allowed range. Since "ABC123" is not a valid numeric value, an error message is shown, instructing Alice to enter a valid quantity.

**Scenario 5**: File Upload Validation - Tom is attempting to upload a file to a document management system.

The validation routine checks if the uploaded file meets the required file type and size limitations. If the file is not in the correct format or exceeds the allowed size, an error message is displayed, informing Tom about the issue.