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Question (a) , Question (b) , Question (f)

Input: SSN

Output Error Message	Invalid Input Type
No Input Detected	The user hasn't type in anything in the required field.
Input SSN Length Exceeded	The user has input a SSN over 4 digits.
Input SSN Contains Non-Integers	The user has input s SSN contains non-numeric characters.
No SSN Record Has Been Found	Input SSN doesn't exist in the database.

Question(f) has not error message for "No Input Detected"

Question (c) , Question (d) , Question (e) , Question (f)

Input: Password

Output Error Message	Invalid Input Type
No Passwords Detected	The user hasn't type in anything in the required field.
Input Passwords Length Exceeded	The user has input a password over 15 chars.
Invalid Passwords	This password has been found in the record.

Question (f) Additional

Input: Passwords, SSN, Assignment Name, New Score

Output Error Message	Invalid Input Type
No Password or SSN or Assignment Name or New Score Detected	Either all four fields are missing or at least one of the input fields is missing.

Question(f) has not error message for “No Passwords Detected”

Question(f) Additional Notes: we think for any user it doesn't matter which field is missing but reminding him/her to complete all fields is enough for error message just like what we got when logging into some sites with missing fields ”

Input: Assignment Name

Output Error Message	Invalid Input Type
Input Assignment Name Not Found	The user has typed in everything correctly but this field and input assignment name not with in the range of (hw1,hw2a,hw2b,hw3,midterm,fexam)
Input Assignment Name Length Exceeded	The user has input an assignment name over 10 chars.

Input: New Score

Output Error Message	Invalid Input Type
Score Type is Invalid	The user has input a score containing non-numeric chars.

For a general usage, every question contains an error handling schema as follows.

Input: mysqli object

Output Error Message	Invalid Input Type
Connection Failed	Mysqli failed to connect the database.

Input: Query result (\$mysqli->multi_query())

Output Error Message	Invalid Input Type
Query Failed	The user has an invalid query