

Black Box Testing
GROUP 34



Admin Profile
Page

Constraints

Address

1. Street:
 - Must not be empty.
 - Maximum length of 100 characters.
2. City:
 - Must not be empty.
 - Maximum length of 50 characters.
3. State:
 - Must not be empty.
 - Maximum length of 50 characters.
4. Postal code:
 - Must not be empty
 - Must be in a valid postal code format (e.g., Indian Postal code of 6 digits only)
 - Maximum length of 10 characters
5. Country:
 - Must not be empty.
 - Must be a valid country name.
 - Maximum length of 50 characters.

Equivalence Classes:

Address Equivalence Classes

1. Street:
 - S1: Non-empty string
 - S2: Empty string
 - S3: Exceeds 100 characters
2. City:
 - CT1: Non-empty string
 - CT2: Empty string
 - CT3: Exceeds 50 characters
3. State:
 - ST1: Full name state
 - ST2: Empty string
 - ST3: Exceeds 50 characters
4. Postal Code:
 - PC1: Non-empty string with valid format
 - PC2: Empty string
 - PC3: Invalid format of the postal code
 - PC4: Exceeds 10 characters
5. Country:
 - C1: Non-empty string with a valid country name
 - C2: Empty string
 - C3: Exceeds 50 characters

Test Cases :

Test Case ID	Input	Equivalence Class	Expected Result
TC1	Address: Street: "5 MG Road" City: "Mumbai" State: "Maharashtra" Postal Code: "400001" Country: "India"	S1, CT1, ST1, PC1, C1	Accepted
TC2	Address: Street: "" City: "Hyderabad" State: "Telangana" Postal Code: "500001" Country: "India"	S2, CT1, ST1, PC1, C1	Rejected: Street cannot be empty
TC3	Address: Street: "Ahail"*25 City: "Hyderabad" State: "Telangana" Postal Code: "500001" Country: "India"	S3, CT1, ST1, PC1, C1	Rejected: Exceeds 100 characters
TC4	Address: Street: "14 Jubilee Hills Road" City: "" State: "Telangana" Postal Code: "500001" Country: "India"	S1, CT2, ST1, PC1, C1	Rejected: City cannot be empty
TC5	Address: Street: "14 Jubilee Hills Road" City: "Hyd"*25 State: "Telangana" Postal Code: "500001" Country: "India"	S1, CT3, ST1, PC1, C1	Rejected: Exceeds 50 characters

TC6	Address: Street: "14 Jubilee Hills Road" City: "Hyderabad" State: "" Postal Code: "500001" Country: "India"	S1, CT1, ST2, PC1, C1	Rejected: State cannot be empty
TC7	Address: Street: "14 Jubilee Hills Road" City: "Hyderabad" State: "Tel"*25 Postal Code: "500001" Country: "India"	S1, CT1, ST3, PC1, C1	Rejected: Exceeds 50 characters
TC8	Address: Street: "14 Jubilee Hills Road" City: "Hyderabad" State: "Telangana" Postal Code: "" Country: "India"	S1, CT1, ST1, PC2, C1	Rejected: Postal code cannot be empty
TC9	Address: Street: "14 Jubilee Hills Road" City: "Hyderabad" State: "Telangana" Postal Code: "50A01Z" Country: "India"	S1, CT1, ST1, PC3, C1	Rejected: Invalid format
TC10	Address: Street: "14 Jubilee Hills Road" City: "Hyderabad" State: "Telangana" Postal Code: "50000156372" Country: "India"	S1, CT1, ST1, PC4, C1	Rejected: Exceeds 10 digits
TC11	Address: Street: "14 Jubilee Hills Road" City: "Hyderabad" State: "Telangana" Postal Code: "500001" Country: ""	S1, CT1, ST1, PC1, C2	Rejected: Country cannot be empty

TC12	Address: Street: "14 Jubilee Hills Road" City: "Hyderabad" State: "Telangana" Postal Code: "500001" Country: "India"*15	S1, CT1, ST1, PC1, C3	Rejected: Exceeds 50 characters
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