Equivalence Class Partitioning

1. Table name : User

Sr No.	Validation Case Index	Attribute Name	Description
1	VC1	Email	email can't be blank
2	VC2	Email	Local part (before @) must be of atleast 1 character
3	VC3	Email	Local part (before @) must be less than or equal to 64 characters
4	VC4	Email	Local part (before @) contains alphanumeric characters and allows following special characters ! # $ % & ' * + - / = ? ^ _ ` { | } ~ .
5	VC5	Email	Local part cannot have two consecutive periods(.)
6	VC6	Email	Local part must not start or end with period (.)
7	VC7	Email	Local part (before @) must not contain following special characters → ( ) @ : ; < > \ " , [ ]
8	VC8	Email	Email can't have space anywhere in it
9	VC9	Email	Domain part (after @) must be of atleast 1 character
..	VC10	Email	Domain part (after @) must be less than 255 characters
11	VC11	Email	Domain part (after @) must consist of one or more labels separated by periods (.).

12	VC12	Email	Domain must end with a valid TLD(Top Level Domain)
13	VC13	Email	Email address must have atleast one @ separating domain and local part in it
14	VC14	Email	Each label must be 1 to 63 characters.
15	VC15	Email	Only alphanumeric characters and hyphens (-) are allowed in Labels.
16	VC16	Email	Labels cannot start or end with a hyphen.
17	VC17	Password	Password must be of length greater than or equal to 4 and less than or equal to 100
18	VC18	Name	Name must be of length greater than or equal to 3 and less than or equal to 100
19	VC19	Phone Number	Phone number if not empty, must be a 10 digit number.

2. Table name : Passenger

Sr No.	Validation Case Index	Attribute Name	Description
1	VC9	First Name	First Name can't be blank
2	VC10	First Name	First Name can't be more than 255 characters
3	VC11	First Name	First Name should contain only alphabets.

4	VC12	Last Name	Last Name can't be blank
5	VC13	Last Name	Last Name can't be more than 255 characters
6	VC14	Last Name	Last Name should contain only alphabets.
7	VC15	Phone Number	Phone Number can't be blank
8	VC16	Phone Number	Phone Number must be of 10 numerical digits
9	VC17	Date of Birth	Date of Birth can't be blank
10	VC18	Date of Birth	Date of Birth can't be ahead of current date
11	VC19	Designation	Designation can't be empty

3. Table name : Card Details

Sr No.	Validation Case Index	Attribute Name	Description
1	VC20	Credit Card Number	16 digit number with formatted with spaces after 4 characters
2	VC21	Expiry Date	Valid MM/YY format and valid month
3	VC22	CVV	Must be 3 digit CVV
4	VC23	Postal Code	Must be Valid 6 digit postal code

4. Table name : UPI Details

Sr No.	Validation Case Index	Attribute Name	Description
1	VC24	UPI ID	Upi Id can't be blank

2	VC25	UPI ID	Upi id should have non-empty local part and domain part separated by (@)
3	VC26	UPI ID	UPI id should not contain special characters except(. and -) in local part
4	VC27	UPI ID	Consecutive use of . and – in upi id is invalid