**Supplementary Requirements Release 2: I4**

**Crosscutting Concern**

1. **FV - Field Validation Requirements:**
   1. **Field “Credit Card Number”**

**Scope:**

**04.01 Define Payment Method**

**04.02 Validate Payment**

**Requirements**

* Payment method should be selected, either card or third-party vendors such as Apple pay/Venmo/ PayPal.
* Field size should be fixed (15 or 16) number of digits for card payment.
* It should only contain numbers.
* Field is mandatory; System will not allow proceeding without a valid CC number.
* Field should accept only active credit cards. System will send error message “Incorrect card number. Please enter card number again.” otherwise.

**Conditions to apply:** After the respective join points.

* 1. **Field “CC Security Code”**

**Scope:**

**04.01 Define Payment Method**

**04.02 Validate Payment**

**Requirements**

* Field size should be fixed (3 or 4) number of digits.
* It should only contain numbers.
* Field is mandatory; System will not allow proceeding without a valid CC number.
* System will send error message “Invalid CC Security Code. Please try again.” otherwise.

**Conditions to apply:** After the respective join points.

* 1. **Field “Expiration Date”**

**Scope:**

**04.02 Validate Payment**

**Requirements**

* Field should appear in select field format.
* It should contain date greater than current date.
* System will send “Incorrect expiration date. Please select expiration month and year again” message otherwise.

**Conditions to apply:** After the respective join points.

* 1. **Field “Person’s Name on Card”**

**Scope:**

**04.01 Define Payment Method**

**04.02 Validate Payment**

**Requirements**

* Field should have full name as on card.
* Field is mandatory.
* System will send “Incorrect name. Please enter name again.” message if name on card is not valid.

**Conditions to apply:** After the respective join points.

* 1. **Field “Country”**

**Scope:**

**04.01 Define Payment Method**

**04.02 Validate Payment**

**Requirements**

* Select appropriate country.
* Field is mandatory; The country should match the address available with the card.
* System will send “Incorrect Country. Please enter address again.” message if name on card is not valid.

**Conditions to apply:** After the respective join points.

* 1. **Field “State”**

**Scope:**

**04.01 Define Payment Method**

**04.02 Validate Payment**

**Requirements**

* Select appropriate state that exists in the selected country.
* Field is mandatory; The state should match the address available with the card.
* System will send “Incorrect State. Please enter address again.” message if name on card is not valid. Fields like Country, State, City, Zip Code will be blank.

**Conditions to apply:** After the respective join points.

* 1. **Field “City”**

**Scope:**

**04.01 Define Payment Method**

**04.02 Validate Payment**

**Requirements**

* Enter City that exists in the selected state.
* Field is mandatory; The city should match the address available with the card.
* System will send “Incorrect City. Please enter address again.” message if name on card is not valid. Fields like Country, State, City, Zip Code will be blank.

**Conditions to apply:** After the respective join points.

* 1. **Field “Address Line1”**

**Scope:**

**04.01 Define Payment Method**

**04.02 Validate Payment**

**Requirements**

* Field should have proper Address Line1.
* Field is mandatory; The Address Line1 should match the address available with the card.
* System will send “Incorrect address. Please enter address again.” message if name on card is not valid. Fields like Country, State, City, Zip Code will be blank.

**Conditions to apply:** After the respective join points.

* 1. **Field “Zip Code”**

**Scope:**

**04.01 Define Payment Method**

**04.02 Validate Payment**

**Requirements**

* Enter Zip Code that is associated with the address provided.
* Field is mandatory; The city should match the address available with the card.
* System will send “Incorrect ZipCode. Please enter address again.” message if name on card is not valid.

**Conditions to apply:** After the respective join points.

1. **CN – Connectivity:**

**Scope:**

**02.05 Modify Appointment  
02.06 Send Remainder  
04.01 Define Payment Method  
04.02 Validate Payment**

**Requirements:**

* System should retain caches to populate values, if the front-end is disconnected due to Network issue, or some error.
* System should also show a popup window with an error message, “Connection failed, please try again later”.

1. **Data-Dependency Validation:**

**Scope:**

**02.05 Modify Appointment**

**02.06 Send Remainder**

**Requirements:**

* The appointment cannot be modified when there is less than 24 hours to the appointment left.
* The new date should be available or marked otherwise.
* The reminders should be sent 48 hrs. before the appointment to the user unless the appointment is cancelled.
* Popup window fill display “Success” or “Error” message.

1. **Concurrency:**

**Scope:**

**02.05 Modify Appointment**

**Requirements:**

* If user chooses to modify an appointment, the user must first have an existing appointment which has not expired.
* The information should match to the actual availability of the appointments.
* The screen will display results only if there are previously booked appointments, else will display “No Appointments” message.