Bill Statuses – Open and Closed  
Participant Payment Statuses – Pending, Accepted, Rejected  
Closed Bill cannot have Pending Participant payment status.

**Split Bill – User Stories**

Feature: Split bill with iPay users  
In order to provide greater convenience to users  
As a Customer App user  
The user should be able to split any bill with other iPay users.

Scenario: Key in Bill amount  
Given the user is in the Bill Split screen  
When the user enters the Bill Amount in the field  
Then the total amount should be set for splitting

Acceptance Criteria

1. Bill Amount cannot be zero, nor empty.

Scenario: Bill amount identified via Bill upload  
Given the user is in the Bill Split screen  
When the user captures an image of the bill using the device cameral  
Then the Total Amount of the Bill should be captured  
And the total amount should be set for splitting.

Acceptance Criteria

1. Bill Amount cannot be zero, nor empty.

Scenario: Add participants  
Given the user is logged in as a Customer App user  
When the user wants to split a bill  
Then the user should be able to add other iPay users as participants from the users iPay Contacts.

Acceptance Criteria

1. Number of added participants cannot be zero.
2. Number of added participants cannot be more than 9.

Scenario: Remove participants  
Given the user has logged in as a Customer App user  
And the user has added participants to split a bill  
And the user has not yet submitted the split bill request  
When the user wants to remove a participant  
Then the participant should be removed.

Scenario: Equally split among participants  
Given the user is in the bill split feature  
When the user wants to split a bill equally  
Then the Bill Amount should be equally split among all participants.

Acceptance Criteria

1. When calculating the per person amount, the person creating the Bill split should also be counted.  
   Eg – User adds 4 participants to equally share a bill of Rs. 2,500.  
   Amount per person = 2,500/(4+1) = Rs. 500
2. When the Bill amount does not divide by the number of participants equally, then pass the additional amount to the person creating the Bill split.  
   Eg – User adds 2 participants to split a bill of Rs 1,000.  
   Person 1 = Rs. 333.33  
   Person 2 = Rs. 333.33  
   Creator = Rs. 333.34

Scenario: Bill NOT equally split among participants  
Given the user is creating a Bill Split  
When the user does NOT want to split the bill equally  
Then the user should be able to add the respective amount for each participant  
And the “Shared Items” section should be displayed.

Acceptance Criteria

1. Amount requested from a participant cannot be equal to zero.
2. Calculation of Shared Items should be as follows;  
   Assume creator enters the following amounts for each participant  
   Participant 1 = Rs. 100  
   Participant 2 = Rs. 200  
   Participant 3 = Rs. 300

Shared Items  
Tax = Rs 40

Service Charge = Rs 60

Shared Items per person = 100/(3+1) = Rs. 25

Amounts requested by each participant will be

Participant 1 = Rs. 100 + 25 = Rs. 125  
Participant 2 = Rs. 200 + 25 = Rs. 225  
Participant 3 = Rs. 300 + 25 = Rs. 325

Scenario: Remove an added Shared Item  
Given the user has selected the NOT equally split bill option  
And the user has added Shared Items  
And the Split Bill request has not been submitted  
When the user wants to remove the item from the list of Shared Items  
Then the item should be removed.

Scenario: Caching of Shared Items  
Given the user has entered a Shared Item to the Bill split  
And the user enables equal share  
When the user disables equal share  
Then the previously entered Shared Items should be displayed.

Scenario: Submit bill split requests  
Given the user has added participants to split the bill  
And the user has entered the amounts to be paid by the participants  
And the user has set a name for the Bill  
|Bill Name |Total Amount |Participants |Participant Amount |  
When the user wants to submit the bill split request  
And the user confirms to proceed with bill split  
Then the Bill split request should be sent to all participants via a push notification  
And Bill Status = “Open”  
And Split payment status of all customers = “Pending”.

Acceptance Criteria

1. Push Notification Text “You have received a Bill Split request of Rs. <Amount> from <Bill Split Creator Full Name>.”

Feature: Respond to Bill split requests  
In order to facilitate the bill split feature  
As a Customer App user  
The user should be able to respond to a bill split request sent by another iPay user.

Scenario: Push notification of bill split request  
Given the user has received a bill split request  
When the user is not inside the iPay app  
Then an iPay notification should be displayed to the user “You have received a Bill Split request of Rs. <Amount> from <Bill Split Creator Full Name>.”.

Scenario: Click on notification  
Given the user is not inside the iPay app  
And the user receives a Bill split notification  
When the user clicks on the notification  
And successfully authenticates  
Then the user should be taken inside the Bill.

**Feature:** Manage created Split Bills  
In order to ensure better usability  
As a Customer App user  
The user should be able to manage split bills created.

Scenario: View Bill splits created  
Given the user is logged in as a Customer App user  
When the user wants to view Bill splits created  
Then a list of all Bills created by the user should be displayed.  
|Bill Name |Created Date | Bill Status |Total Amount |

Acceptance Criteria

1. If the user does not have any created Bills, display the error message “You do not have any Bill Splits.”

Scenario: View a created Bill  
Given the user has created Bills  
When the user selects a bill  
Then the bill details should be displayed  
|Bill Name |Created Date | Total Amount | Participants | Participant Amount |Participant Status | Bill Status|

Scenario: Close Bill  
Given the user has selected a Bill with status = “Open”  
When the user wants to close the bill  
Then the Bill status = “Closed”  
And the pending participants cannot respond to the request  
And participant status = “Pending” changes to “Rejected”.

Scenario: View Closed Bill   
Given the user has closed a bill created  
When the user wants to view the closed bill  
Then the bill status should be displayed  
And the bill participants should be displayed  
And Bill Closed Date should be displayed.

**Feature:** Manage received Split Bills  
In order to ensure better usability  
As a Customer App user  
The user should be able to manage split bills received.

Scenario: View Bill splits received  
Given the user has logged in as a customer app user  
When the user wants to view any bill split requests  
Then a list of all requests should be displayed.  
| Bill Name | Sent By | Sent Date | Amount | Payment status | Bill Status|

Acceptance Criteria

1. If the user does not have any received Bills, display the error message “You have not received any Bill split requests.”

Scenario: Select a Pending Bill Split request  
Given the user has received Bill request/s  
When the user selects a bill with payment status = “Pending”  
And the Bill Status = “Open”  
Then details of the Bill should be displayed to the user  
| Bill Name | Sent By | Sent Date | Participants | Amount | Participant Status|   
And the user should be able to Accept the request  
And the user should be able to Reject the request.

Acceptance Criteria

1. If the customer Accepted or Rejected the Bill Split request before, then the user should not have the Accept or Reject option when viewing the Bill Split request.

Scenario: Select a Closed Bill Split request  
Given the user has received Bill request/s  
And the Bill Status = “Closed”  
When the user selects a bill with Bill status = “Closed”   
Then details of the Bill should be displayed to the user  
| Bill Name | Sent By | Sent Date | Participants | Amount | Participant Status|   
And the user should NOT be able to respond to the request.

Scenario: Accept pending Bill split request  
Given the user selects a bill split with status = “Pending”  
When the user accepts the request  
Then the user should be taken to the P2P payment page  
And the user should be able to select the payment instrument  
And “Amount” field should be prefilled and NOT editable  
And the payment should be processed after user authorization  
And the status of payment should be communicated to the user.

Scenario: Successful processing of payment  
Given the user accepted the bill split request  
When the payment is processed successfully  
Then the bill split request status for the user changed from “Pending” to “Accepted”  
And the Accept, Reject options in the notification should be removed  
And the Bill Split creator should be notified of successful payment via push notification “<Payer Name> has accepted your Bill Split request.”

Scenario: Unsuccessful processing of payment  
Given the user accepted the bill split request  
When the payment was NOT processed successfully  
Then the bill split request status remains as “Pending”.

Scenario: Reject pending Bill split request  
Given the user has received a bill split request  
When the user rejects the request  
Then the bill split request status = “Rejected”   
And the Bill Split creator should be notified of payment rejection via push notification “<Payer Name> has rejected your Bill Split request.”

Scenario: All participants have responded to the Bill Split request  
Given a Bill split request has been sent to multiple participants  
When all participants respond to the request  
Then the Bill should be closed automatically  
And a push notification should be sent to the creator “All participants have responded to your bill split request and your bill has now been closed.”