

Test plan [34410](#): M-KOPAnet 12.0 End to End

Properties

Area Path:	MKOPAnetG2
Iteration:	MKOPAnetG2
Owner:	Gordon Osoo
State:	Active
Start date:	Monday, August 28, 2017
End date:	Monday, September 4, 2017

Suite hierarchy

Static suite: M-KOPAnet 12.0 End to End (ID: [34411](#))

 Static suite: Call Logs (ID: [34412](#))

 Static suite: CC UX Process Flow (ID: [34413](#))

 Static suite: Customers (ID: [34414](#))

 Static suite: Dealers (ID: [34416](#))

 Static suite: Integration Tests (ID: [34417](#))

 Static suite: Inventory (ID: [34418](#))

 Static suite: Metering (ID: [34419](#))

 Static suite: D10g (ID: [34420](#))

 Static suite: D20g (ID: [34421](#))

 Static suite: M-KOPA III (ID: [34422](#))

 Static suite: M-KOPA IV (ID: [34423](#))

 Requirement-based suite: KingFisher Hammerkop (ID: [34424](#))

 Static suite: M-KOPA V (ID: [34425](#))

 Static suite: Notifications (ID: [34426](#))

 Static suite: Payment (ID: [34427](#))

 Static suite: Subscriptions (ID: [34490](#))

 Static suite: New suite (ID: [34515](#))

 Static suite: Part No. (ID: [34491](#))

 Static suite: New suite (ID: [35117](#))

Configurations

CONFIGURATIONS IN TEST PLAN

Id	Name	Configuration variables
6	M-KOPA test config	Browser: Google Chrome ; Operating System: Windows 7

Run settings

MANUAL RUNS

Settings:	None
Environment:	None

AUTOMATED RUNS

Settings:	None
Environment:	None

BUILD

Definition:	None
Quality:	None
Build in use:	None

Test suite [34427](#): Payment

Properties

State: In Progress
 Type: Static Suite
 Configurations: M-KOPA test config

Test cases (54)

Test case [16548](#): Upload Payments file

STEPS

#	Action	Expected value	Attachments
1	Upload payment		
1.1	Select Payments - >> Upload payments file.	Loads the page to upload a payments file.	
1.2	Format an M-PESA payments file appropriately		
1.3	Select an M-PESA file that's inappropriately formatted, enter upload notes and click Upload.	Upload summary shows 0 lines processed	
1.4	Select a correctly formatted M-PESA file, enter notes and click Upload.	Upload summary shows total lines processed depending on the number of rows in the file.	

Test case [16549](#): Search for a Payment

STEPS

#	Action	Expected value	Attachments
1	Login to M-Kopanet		
1.1	Type in the home page address https://ke.uat.kopasola.r.net/	Loads the Home page with the login fields.	
1.2	Enter a valid Username and valid password and click Login	Redirects to the Home > Dashboard.	
2	Select Payments->>Search for Payment	Loads the page with fields to submit a payments search	
3	Note the available fields	Contains receipt number text field, Payment date selector and submit button.	
4	Click the Submit button without filling in any details	Shows a list of payments	
5	On the receipt number section fill in a non existing receipt number and click on "Submit" button.	Nothing is displayed on the screen	
6	On the receipt number section fill in an existing receipt number and click submit	Results matching your search criteria is displayed	
7	On the Phone number section fill in a non existing phone number and press on the "Submit" button.	Results matching your search criteria is displayed.	
8	On the phone number section fill in an existing pay phone number and press on the "Submit" button	Results matching your search criteria is displayed	
9	On the payment date section fill in the date and press on the "Submit" button.	Results matching your search criteria is displayed.	

LATEST TEST OUTCOME

Outcome	Tester	Configuration	Run by	Date completed	Duration in seconds	Build number
Passed	Gideon Arita	M-KOPA test config	Gideon Arita	Wednesday, January 10, 2018	0	

Test case [16553](#): Confirm dealer payment

STEPS

#	Action	Expected value	Attachments
1	Login to M-Kopanet		
1.1	Type in the home page address https://ke.uat.kopasola.r.net/	Loads the Home page with the login fields.	
1.2	Enter a valid Username and valid password and click Login	Redirects to the Home > Dashboard.	
2	Upload payment		
2.1	Select Payments - >> Upload payments file.	Loads the page to upload a payments file.	
2.2	Format an M-PESA payments file appropriately		
2.3	Select an M-PESA file that's inappropriately formatted, enter upload notes and click Upload.	Upload summary shows 0 lines processed	
2.4	Select a correctly formatted M-PESA file, enter notes and click Upload.	Upload summary shows total lines processed depending on the number of rows in the file.	
3	Select Payments ->> Search for payment	loads payment search page	
4	Search for a specific dealer payment	The payment you uploaded with the column "recipient name" bearing the name of the dealer whose account was credited	

Test case [16554](#): Confirm customer payment

STEPS

#	Action	Expected value	Attachments
1	Login to M-Kopanet		
1.1	Type in the home page address https://ke.uat.kopasola.r.net/	Loads the Home page with the login fields.	
1.2	Enter a valid Username and valid password and click Login	Redirects to the Home > Dashboard.	
2	Upload payment		
2.1	Select Payments - >> Upload payments file.	Loads the page to upload a payments file.	
2.2	Format an M-PESA payments file appropriately		
2.3	Select an M-PESA file that's inappropriately formatted, enter upload notes and click Upload.	Upload summary shows 0 lines processed	
2.4	Select a correctly formatted M-PESA file, enter notes and click Upload.	Upload summary shows total lines processed depending on the number of rows in the file.	
3	Select Payments ->> Search payment	Loads page to search for a payment	
4	Search for the uploaded payment	The payment is displayed and the "recipient" column displays the customer whose a/c was credited	

Test case [16629](#): Customer sms created on incoming payment

STEPS

#	Action	Expected value	Attachments
1	Upload payment		
1.1	Select Payments - >> Upload payments file.	Loads the page to upload a payments file.	
1.2	Format an M-PESA payments file appropriately		
1.3	Select an M-PESA file that's inappropriately formatted, enter upload notes and click Upload.	Upload summary shows 0 lines processed	
1.4	Select a correctly formatted M-PESA file, enter notes and click Upload.	Upload summary shows total lines processed depending on the number of rows in the file.	
2	Navigate back to customer's dashboard and select "sms history" tab	Text with same amount as the one that was uploaded is visible and the date created is a few minutes after step 3 above is complete	

Test case [16631](#): Pay deposit for loan customer and confirm sms is sent to the customer.

STEPS

#	Action	Expected value	Attachments
1	On m-kopa net access Customers>>Registrations>>New customer details entered w registrations and register new customer	customer details entered	
2	Access the File upload center menu, Click on m-pesa tab and upload a .csv file to make payment for the customer registered in above step pay in enough to cover the deposit for the registered customer	A success message is displayed "The File has been queued successfully for processing"	
3	Access the customers dashboard and on the " Account info " section confirm the Status shows Deposit paid	The account information shows that the customer has paid in the deposit and is NOT on finished payment.	
4	Navigate to the customer's dashboard, and on the "Last payment info section" Confirm the amount uploaded in the above step reflects.	The amount should reflect.	
5	Navigate to "Customer History Logs" and click on the "SMS" radio button.	All messages sent to the customer are displayed and the most recent payment being displayed at the top.	

LATEST TEST OUTCOME

Outcome	Tester	Configuration	Run by	Date completed	Duration in seconds	Build number
Passed	Gideon Arita	M-KOPA test config	Gideon Arita	Wednesday, January 10, 2018	0	

Test case [16632](#): Dealer commission generated when customer's payment reaches commission milestone

STEPS

#	Action	Expected value	Attachments
1	Navigate to the customer's dashboard and select "products" tab	Customer's product information	
2	Note the payment plan the product is in	Payment plan noted	
3	Navigate to the payment plans and select the payment plan noted in step 2 above	Payment plan details	
4	Note commission milestone for the payment plan in step 3 above	Commission milestone(s) noted	
5	Pay in for the customer to reach the milestone	Outlet receives commission amount noted above	
6	Navigate to the customer's product and click "Signup In for"	Outlet/dealership under which product's device was allocated	
7	Navigate to the dealership dashboard noted above and click "Commissions"		
8	Click commission statement	Redirection to commissions report	
9	Select the current month and year	List of commissions for the dealer in the specified duration	
10	Search for commission created by this product account	Commission entry	

Test case [16633](#): Upload payment for a customer to complete customer's outstanding amount and confirm sms is sent.

STEPS

#	Action	Expected value	Attachments
1	On m-kopa net find an active customer and navigate to his/her dashboard on the "Account info" section confirming the status is "In payment"	Customer's dashboard information is opened.	
2	On the "Account Info" section Confirm the outstanding amount and note it.	Customer's Outstanding amount noted.	
3	Prepare a csv file to pay in the customer's outstanding amount, and upload the payment file.	Csv file successfully prepared and uploaded.	
4	Access the customer in step one on a new tab and on the account info section confirm the Status has changed to " Finished Payment " outstanding amount=KES 0.00 and sum Paid in = Total Loan .	The changes on the Status, Total loan, outstanding amount, sum Paid in and Total Loan are as expected.	
5	Hover the mouse to the Customer history log section and click on the SMS radio button.	A message is sent to the customer acknowledging the payment has been made.	

"M-KOPA has received your payment of KES 50, paid to account 6328991. Your device will work until 15-Oct-2015 11:59PM. You have 0 days to pay for to complete full payment. Press the Credit Search or 'C' button on your device to pick your credits."

LATEST TEST OUTCOME

Outcome	Tester	Configuration	Run by	Date completed	Duration in seconds	Build number
Passed	Gideon Arita	M-KOPA test config	Gideon Arita	Wednesday, January 10, 2018	0	

Test case [16551](#): View Unmatched payments

STEPS

#	Action	Expected value	Attachments
1	Login to M-Kopanet		
1.1	Type in the home page address https://ke.uat.kopasola.r.net/	Loads the Home page with the login fields.	
1.2	Enter a valid Username and valid password and click Login	Redirects to the Home > Dashboard.	
2	Select Payments ->> Payment Exception>>Unmatched Payments	Redirect to the list of unmatched payments	

Test case [16572](#): Assign Unmatched Payment - Customer

STEPS

#	Action	Expected value	Attachments
1	Navigate to the Unmatched Payments List	Returns a List of Unmatched Payments	
2	Click on assign for the payment that you want to assign	Returns the payment exceptions - assign payment screen	
3	Select Payer, and type in the account number	Account Number filled	
4	Select Product from dropdown	Should have preloaded all the product accounts under that customer	
5	Fill in comments	Comments filled in	
6	Click on resolve	Returns success screen	
7	Navigate to Customer resolved to and confirm if payment is on Payment history	Payment on Payment History	
8	Navigate to Customer Payments List and confirm if payment is on List	Payment on Payments List	

Test case [16589](#): Make overpayment

STEPS

#	Action	Expected value	Attachments
1	Find a finished payment account and note the account number	Account number noted	
2	Pay into the account noted above	The payment appears under floatingpayments	
3	Navigate to floating payments	The payment is visible	
4	On the customers payment history tab	The overpayment record should not be displayed on the payment history records.	

Test case [16625](#): Early completion discount

STEPS

#	Action	Expected value	Attachments
1	Navigate to a newly created loan account and note the payment plan	Payment plan name	
2	Navigate to Product >> Payment Plan >> discounts list and note early completion discounts applicable to the payment plan	List of discounts	
3	Pay in for the customer's product to satisfy the discount identified above, for example, pay in payment plan total price less 2000 to award a discount of 2000	Incentive awarded	
4	Navigate back to the customer's account and select "product"	The discount is visible under transaction history	

Test case [16670](#): An declined loan payment plan shouldnt appear in the loan payment plan list

STEPS

#	Action	Expected value	Attachments
1	Access the loan payment plan list pending approval through the following link http://uat.kopasolar.net/Accounts/LoanPaymentPlan/PlansForApproval	Payment plans pending approval page is loaded	
2	Identify one of the plans and press the approve link.	The "Approve New Loan Payment Plan" form is loaded	
3	Leave the approver notes blank and check the approved check box and press the save button	A validation message should be loaded requiring the user to enter approver note IF the approver notes are not required then the payment plan should appear on the payment plan list since it was approved.	

Test case [16672](#): Test that the duplicate registration of loan and cash payment plans does not load error 500

STEPS

#	Action	Expected value	Attachments
1	Log in to the system as a user with rights to add a payment plan.	Login successful. The Dashboard is displayed.	
2	Click on Products -> Payment Plans -> Add Loan Payment Plan.	The 'Add Loan Payment Plan' page is displayed.	
3	Click on Save without filling in any details.	Warning messages are displayed, informing you of mandatory fields to be filled.	
4	Fill in the details then click on Save.	The Loan Payment Plan created successfully. Details of the payment plan displayed on the screen.	
5	On a separate page, open the Add Loan Payment Plan page. Products -> Payment Plans -> Add Loan Payment Plan.	The 'Add Loan Payment Plan' page is displayed.	
6	Reference the previously added loan payment plan above and add an exact, similar copy of it on the 'Add Loan Payment Plan' page i.e. add a loan payment plan with the same exact details as the one you previously added above. Click on Save.	An appropriate warning message is displayed informing the user that there already exists a similar loan payment plan.	
7	Access the list of loan payment plans (Products -> Payment Plans -> List Loan Payment Plan) and verify that the above two payment plans are not listed here as neither is yet to be approved.	The newly added loan payment plan is not listed here as it is yet to be approved.	
8	Approve the newly added payment plan by logging in a different user and access the Products -> Payment Plans -> Payment Plans Approvals menu.	Newly-added loan payment plan approved successfully.	
9	Log out and log in as the initial user. Access the List of Loan payment plans and verify that the newly-added payment plan has been added to the list of payment plans. Products -> Payment Plans -> List Loan Payment Plan.	The newly-approved payment plan is now listed on the list of loan payment plans.	
10	Click on Details to view the details of this payment plan.	Details of the payment plan are displayed on the screen.	
11	On a separate page, access the Add Loan Payment Plan screen. Products -> Payment Plans -> Add Loan Payment Plan.	The 'Add Loan Payment Plan' page is displayed.	
12	Key in the exact same details on this page (Add Loan Payment Plan page) as that of the newly-approved payment plan i.e. create a duplicate payment plan off of the newly-approved payment plan. Click on Save.	An appropriate warning message is displayed informing the user that there already exists a similar loan payment plan.	
13	Create a completely new and different loan payment plan, one that is NOT a duplicate of any existing payment plan. Note the details of the payment plan as you will need it later.	New loan payment plan created successfully. Details of the payment plan noted.	
14	Log in as a different user and decline the approval request of the newly created loan payment plan.	Approval request of new loan payment plan declined successfully.	
15	Log in as the previous user who created the payment plan. Access the list of loan payment plans and verify that the declined loan payment plan is NOT on this list.	The declined loan payment plan is not on the list of loan payment plans.	
16	Access the menu listing loan payment plans. Products -> Payment Plans -> List Loan Payment Plan.	The list loan payment plans page is displayed, listing the exis	

- ting loan payment plans in the system.
- 17 Click on the Details link of an old existent payment plan (as opposed to the newly-created one). The details of the payment plan are displayed successfully.
- 18 On a separate page, access the Add Loan Payment Plan screen. Products -> Payment Plans -> Add Loan Payment Plan. The 'Add Loan Payment Plan' page is displayed.
- 19 Add a duplicate payment plan of the old existing payment plan and save. An appropriate warning message is displayed informing the user that there already exists a similar loan payment plan.
- 20 Log out and log in as a different user and access the Payment Plans Approvals screen and verify that the duplicate payment plan of the old existing payment plan is not on the list. Products -> Payment Plans -> Payment Plans Approvals menu. The duplicate payment plan of an existing payment plan is not on the list as its creation did not go through.
- 21 Access the 'Products -> Payment Plans -> Add Cash Payment Plans' menu to add a new cash payment plan. The Add Cash Payment plan page is displayed.
- 22 Create a cash payment plan and note its details. The cash payment plan is created successfully. Details of the cash payment plan are noted.
- 23 On a separate page, access the Add Cash Payment Plan page again. The Add Cash Payment plan page is displayed.
- 24 Add a duplicate payment plan of the cash payment plan created above. An appropriate warning message is displayed informing the user that there already exists a similar cash payment plan.
- 25 Log out and back in as a different user and access the Payment Plans Approvals page. Products -> Payment Plans -> Payment Plans Approvals menu. The Payment Plans Approvals page is displayed.
- 26 Verify that the original cash payment plan created above is listed here (verify by the name and date created entered). The original cash payment plan is listed here and not the duplicate.
- 27 Approve the original cash payment plan. Cash payment plan approved successfully.
- 28 Log out and back in as a different user, then access the Products -> Payment Plans -> Cash Payment Plans menu to verify that the cash payment plan has been reflected on this list. The cash payment plan is present on this list.
- 29 On a separate page, access the Add Cash Payment Plan page again. The Add Cash Payment plan page is displayed.
- 30 Add a duplicate payment plan of the newly-approved cash payment plan created above. An appropriate warning message is displayed informing the user that there already exists a similar cash payment plan.
- 31 Access the menu listing cash payment plans. Products -> Payment Plans -> List Cash Payment Plans. The list cash payment plans page is displayed, listing the existing cash payment plans in the system.
- 32 Click on the Details link of an old existent cash payment plan (as opposed to the newly-created one). The details of the cash payment plan are displayed successfully.
- 33 On a separate page, access the Add Cash Payment Plan. The 'Add Cash Payment Plan'

- screen. Products -> Payment Plans -> Add Cash Payme page is displayed.
nt Plan menu.
- 34 Add a cash payment plan that is a duplicate of the old e An appropriate warning messa
xistent cash payment plan whose details you viewed. ge is displayed informing the
user that there already exists a similar cash payment plan.
- 35 Log out and log back in as a different user. Access the P The duplicate cash payment pl
ayment Plans Approvals. Verify that the duplicate cash an added above is not listed o
payment added above is not listed on this page. n the Payment Plans Approval
s page as its creation never we nt through successfully due to it being a duplicate.
- 36 Create a new cash payment plan that is unique i.e. not a Cash payment plan created su
duplicate of any existing one. ccessfully.
- 37 Log out and log back in as a different user and decline t Cash payment plan approval r
he cash payment plan approval request. equest declined successfully.

Test case [16666](#): Search for a Floating Payment

STEPS

#	Action	Expected value	Attachments
1	On m-kopa net access the Payments->Customer Payme nts->Floating Payments.	Floating Payments displayed o n the screen.	
2	Select one of the Floating Payments then access the Pa yments -> Search for Payments on a new tab.	Loads the page with fields to s ubmit a payments search. Retu rns search results	
3	Note the available fields	Contains receipt number text f ield, Payment date selector an d submit button.	
4	Search for the payment by filling in the search criteria a nd click on Submit.	The Search is successful. The F loating Payment record is retu rned on the screen.	

LATEST TEST OUTCOME

Outcome	Tester	Configuration	Run by	Date completed	Duration in seconds	Build number
Passed	Gideon Arita	M-KOPA test config	Gideon Arita	Wednesday, January 10, 2018	0	

Test case [16573](#): Refund Payment - Product

STEPS

#	Action	Expected value	Attachments
1	Navigate to the Customer Dashboard of the customer who's payment you want to refund	Returns the customer dashboard	
2	Select the customers product tab and note the available balance	Available balance noted	
3	Click on the Payment history Tab	Returns a list of customer's payments	
4	Click 'Refund' on the payment you want to refund	Request refund pop up	
5	Click submit without entering amount and/or notes	Error message to notify user to enter amount and/or notes	
6	Enter the amount and leave the note blank	Error message to notify user to enter the notes	
7	Enter the amount, fill in the note and press the submit button	Success message pop up.	
8	Login as different user	Login success	
9	Navigate to payments > Refund > approve customer refunds	List of payment refunds for approval	
10	Select your payment and click "approve"	Request details	
11	Check grant field, enter notes and click Submit	Success message	
12	Navigate to the customer's a/c	The a/c is deducted by an equal amount approved	

Test case [16679](#): Validate blank "Add Loan Payment Plan" form

STEPS

#	Action	Expected value	Attachments
1	Access the add loan payment plan through the following link http://uat.kopasolar.net/Accounts/LoanPaymentPlan/Add	"add loan payment plan" page is loaded.	
2	Leave the form blank and press the save button.	Validation error messages are loaded requiring the user to fill in the required fields	

Test case [16640](#): Test : Submit button on the 'Request Refund' page should work on submitting valid values.

STEPS

#	Action	Expected value	Attachments
1	Go to Home-> Customers -> List Customers	List of Customers is displayed	
2	Select a Customer Record and click on 'To Account'	Customer Details Page is displayed	
3	Select payment history tab and select 'Refund'	The 'Request Refund' pop up is displayed	Capture.PNG (5K)
4	Input an amount greater than the Maximum Amount Specified	The input amount is reduced to that of the maximum	
5	Input an amount less than or equal to the Max Amount Specified, include a Note and submit	Message should be displayed indicating success	

Test case [16646](#): Assigning floating payer payment does not work and does not give an error

STEPS

#	Action	Expected value	Attachments
1	Access the floating payer payments page through the following menus; payments > payer payments > floating payer payments page.	The floating payer payments page is loaded.	
2	On the grid pick identify a desired customer to make a payment and click the assign link.	"Assign Floating Payer Payment" page is loaded.	
3	"Assign Floating Payer Payment" page click on the assign button without entering any data on the form.	Validation error messages are loaded enter the blank fields.	
4	On the assign page, pick a valid customer "Payer Reference", product account, amount and enter comments and press the assign button.	"Info" page is loaded with details about the customer making the transfer. It also has a grid that has two tabs "Payment To Products" and "Withdrawals". The "Payment To Products" displays the payment details.	
5	Go back to the "Assign Floating Payer Payment" identify the customer who made the payment.	The amount has been deducted.	
6	Also search for the customer and check if the amount has been recorded at the "Payment History" tab	Amount sent has been recorded.	

Test case [16644](#): Assigned customer payments appearing in floating payer payments list

STEPS

#	Action	Expected value	Attachments
1	Login into staging.kopasolar.net and Navigate to Payments >> Payments Exceptions >> Unmatched	The unmatched payments list loads.	
2	Note if their is any unmatched payment that appears in Payments >> Payer Payments >> Floating Payments	An unmatched payment shouldn't appear in floating payer payments list	
3	Navigate back to Payments >> Payments Exceptions >> Unmatched	The unmatched payments list loads.	
4	Click on Assign link for the noted payment in step 2 above.	The Payments Exception - Assign Payment page loads	
5	Enter the customer reference and product accounts of the customer to assign payment to and click on Resolve button.	Unmatched payments list loads but the just assigned payment is not included.	
6	Identify a customer from the customer list who hasn't finished payment.	Customer noted.	
7	Make a payment for the device the customer has	Payment is recorded in the customer payment history tab.	
8	Check the floating payment list through the following menus; Payments>>Payer Payments >> Floating Payments and check if the customer payment done in step 8 is displayed	Customer payment is not displayed.	

Test case [16575](#): Transfer Payment - Customer to Dealer**STEPS**

#	Action	Expected value	Attachments
1	Navigate to the Customer Dashboard of the customer who's payment you want to refund	Returns the customer dashboard	
2	Select the customers product tab and note the available balance	Available balance noted	
3	Click on the Payments Tab	Returns a list of customer's payments	
4	Click 'Request Transfer' on the payment you want to refund	Request transfer pop up	
5	Click save without filling in amount and notes	Error message to require the details	
6	Select Dealer, Dealer Account Number	Dealer Account Number filled	
7	Enter comments	Comments filled	
8	Click save	Success Message Pop up	

Test case [16574](#): Transfer Payment - Customer to Customer

STEPS

#	Action	Expected value	Attachments
1	Navigate to the Customer Dashboard of the customer who's payment you want to transfer	Returns the customer dashboard	
2	Select the customers product tab and note the available balance	Available balance noted	
3	Click on the "Payments History" Tab	Returns a list of customer's payments	
4	Click 'Request Transfer' on the payment you want to transfer	Request transfer pop up	
5	Click save without filling in comments and product	Error message to require the fields missing	
6	Select Payer, Enter Customer Reference and Select Product Account	Customer reference and product filled	
7	Enter comments	Comments filled	
8	Click save	Success Message Pop up	
9	Login as a different user	Login success	
10	Navigate to payment transfers for approval	List of pending payment transfers	
11	Select your request	Details of the transfer	
12	Enter notes and save	Success message	
13	Navigate back to the customer's a/c dashboard	Available balance decremented by the approved amount	

Test case [16657](#): Edit payment plan name and display name

STEPS

#	Action	Expected value	Attachments
1	Log in to Mkopanet using correct username and email	Login successful	
2	From global menu, select products>payment plans > list loan/cash payment plans	Open the correct pages for either loan or cash payment plans	
3	In the action column click edit link	Open a Update Loan/cash Payment Plan page	
4	Make necessary updates/edits to plan name and display name and enter comments	Updated name & display name is displayed	
5	Click save button	Updated payment plan name and display name is saved successfully and awaits approval	
6	Log out and log in as a different user	Different user logged in successfully	
7	Select products>payment plan>payment plan approvals	Opens Payment Plans Pending Approval page with the request made earlier in the list.	
8	Click the approve link in the action column	Opens the Approve New Loan Payment Plan page	
9	Select approval status, enter comments in the notes field and click save	Save and redirect to the loan/cash payment plans list	
10	Log in as initial user and verify that plan name and display name have been updated	Plan name and Display name have been updated.	

Test case [16677](#): MTN and Airtel Upload Features should have different operations from M-PESA Upload

STEPS

#	Action	Expected value	Attachments
1	Log in to the system as an administrator.	Login successful.	
2	Access the Payments -> Upload Payments menu.	Only the M-Pesa Payment File Upload menu option can be seen.	
3	Access the Manage System -> User Management -> System Operations -> Add Operations menu.	The 'Add System Operation' page is displayed.	
4	In the Operation Name field, key in 'Payments.MtnUpload', in the 'To Application' field, select 'MKOPAweb' and in the Comments field, key in a comment. Click on Save.	System operation saved successfully.	
5	Access the Manage System -> User Management -> User Groups -> List Groups menu.	The 'System Groups' page is displayed.	
6	Click on the Details link of the Admin group.	The 'System Group Details' page is displayed.	
7	Click on Edit Permissions.	The 'Edit Group Permissions' page is displayed.	
8	Scroll through and check the checkbox linked to 'Payments.MtnUpload'. Click on 'Edit' at the bottom of the screen to save changes.	Changes saved successfully.	
9	Access the Payments -> Upload Payments menu.	Now both the MTN and M-Pesa Payment File Upload menu options can be seen.	
10	Log out then log back in. Access the Payments -> Upload Payments menu.	Both the MTN and M-Pesa Payment File Upload menu options can be seen.	
11	Upload an MTN payment file.	MTN payment file uploaded and processed successfully.	
12	Access the Manage System -> User Management -> User Groups -> List Groups menu.	The 'System Groups' page is displayed.	
13	Click on the Details link of the Admin group.	The 'System Group Details' page is displayed.	
14	Click on Edit Permissions.	The 'Edit Group Permissions' page is displayed.	
15	Scroll through and uncheck the checkbox linked to 'Payments.MtnUpload'. Click on 'Edit' at the bottom of the screen to save changes.	Changes saved successfully.	
16	Access the Payments -> Upload Payments menu.	Now only the M-Pesa Payment File Upload menu option can be seen.	
17	Log out then log back in. Access the Payments -> Upload Payments menu. Verify that only the M-Pesa file upload option can be seen.	Only the M-Pesa Payment File Upload menu option can be seen.	
18	Create a user and assign him to the Admin group.	User created successfully.	
19	Log in as the user and access the Payments -> Upload Payments menu.	Only the M-Pesa Payment File Upload menu option can be seen.	
20	Assign the Payments.MtnUpload permissions to the Admin group then log out and back in as the user. Access the Payments -> Upload Payments menu.	Both the MTN and M-Pesa Payment File Upload menu options can be seen.	
21	Upload an MTN payment file.	MTN payment file uploaded and processed successfully.	

- 22 Edit the user's group from Admin to another group which does not have the 'Payments.MtnUpload' e.g. assign him to the Customer Care Lead group. User assigned to group successfully.
- 23 Log out and log back into the system as the user assigned to the CCL group. Access the Payments -> Upload Payments menu. Only the M-Pesa Payment File Upload menu option can be seen.
- 24 Access the Permissions page and assign the 'Payments.MtnUpload' permissions to the CCL group. Permissions assigned successfully.
- 25 Log out and back in as a user assigned to the CCL group. Access the Payments -> Upload Payments menu. Both the MTN and M-Pesa Payment File Upload menu options can be seen.
- 26 Upload an MTN payment file. MTN payment file uploaded and processed successfully.
- 27 Upload an M-Pesa payment file. M-Pesa payment file uploaded and processed successfully.
- 28 Log in to the system as an administrator. Login successful.
- 29 Access the Payments -> Upload Payments menu. Only the M-Pesa Payment File Upload menu option can be seen.
- 30 Access the Manage System -> User Management -> System Operations -> Add Operations menu. The 'Add System Operation' page is displayed.
- 31 In the Operation Name field, key in 'Payments.AirtelUpload', in the 'To Application' field, select 'MKOPAwe' and in the Comments field, key in a comment. Click on Save. System operation saved successfully.
- 32 Access the Manage System -> User Management -> System Groups -> List Groups menu. The 'System Groups' page is displayed.
- 33 Click on the Details link of the Admin group. The 'System Group Details' page is displayed.
- 34 Click on Edit Permissions. The 'Edit Group Permissions' page is displayed.
- 35 Scroll through and check the checkbox linked to 'Payments.AirtelUpload'. Click on 'Edit' at the bottom of the screen to save changes. Changes saved successfully.
- 36 Access the Payments -> Upload Payments menu. Now both the Airtel and M-Pesa Payment File Upload menu options can be seen.
- 37 Log out then log back in. Access the Payments -> Upload Payments menu. Both the Airtel and M-Pesa Payment File Upload menu options can be seen.
- 38 Upload an Airtel payment file. Airtel payment file uploaded and processed successfully.
- 39 Access the Manage System -> User Management -> System Groups -> List Groups menu. The 'System Groups' page is displayed.
- 40 Click on the Details link of the Admin group. The 'System Group Details' page is displayed.
- 41 Click on Edit Permissions. The 'Edit Group Permissions' page is displayed.
- 42 Scroll through and uncheck the checkbox linked to 'Payments.AirtelUpload'. Click on 'Edit' at the bottom of the screen to save changes. Changes saved successfully.

- the screen to save changes.
- 43 Access the Payments -> Upload Payments menu. Now only the M-Pesa Payment File Upload menu option can be seen.
- 44 Log out then log back in. Access the Payments -> Upload Payments menu. Verify that only the M-Pesa file upload menu option can be seen.
- 45 Create a user and assign him to the Admin group. User created successfully.
- 46 Log in as the user and access the Payments -> Upload Payments menu. Only the M-Pesa Payment File Upload menu option can be seen.
- 47 Assign the Payments.AirtelUpload permissions to the Admin group then log out and back in as the user. Access the Payments -> Upload Payments menu. Both the Airtel and M-Pesa Payment File Upload menu options can be seen.
- 48 Upload an Airtel payment file. Airtel payment file uploaded and processed successfully.
- 49 Edit the user's group from Admin to another group which does not have the 'Payments.Airtelupload' permission. Assign him to the Customer Care Lead group. User assigned to group successfully.
- 50 Log out and log back into the system as the user assigned to the CCL group. Access the Payments -> Upload Payments menu. Only the M-Pesa Payment File Upload menu option can be seen.
- 51 Access the Permissions page and assign the 'Payment.AirtelUpload' permissions to the CCL group. Payment Permissions assigned successfully.
- 52 Log out and back in as a user assigned to the CCL group. Access the Payments -> Upload Payments menu. Both the Airtel and M-Pesa Payment File Upload menu options can be seen.
- 53 Upload an Airtel payment file. Airtel payment file uploaded and processed successfully.
- 54 Upload an M-Pesa payment file. M-Pesa payment file uploaded and processed successfully.
- 55

Test case [16688](#): Credit purchase payment upload

STEPS

#	Action	Expected value	Attachments
1	Identify an existing customer and check on the credit balance	The number of credits is noted.	
2	Upload a payment for the customer	Payment is uploaded successfully.	
3	Check credits through the customers page under the products tab	The number of credits have increased proportionally to the amount paid.	
4	Check on the credits sent through the device management link under the credits sent tab	The number of credits purchased should show as an entry in the list.	

Test case [16659](#): Some SMS to cash customer not applicable

SUMMARY

--Some SMS to cash customer not applicable.:

Navigate to customer landing page of customer account 32198444.

Click on SMS log and view the list of SMS sent to the customer.

The first SMS on the list is inapplicable in some details. For

Instance: (i) Sentence 2 talks about the CASH customer ensuring that he can view any free credits awarded on purchase. Inapplicable because cash customer is in PaidOff state and does not receive credits.

(ii) Sentence 3 talks about "when the customer makes payment in future ". Inapplicable because cash customers payments are one off.

|SMS to cash customer to be based on a separate SMS template|

STEPS

#	Action	Expected value	Attachments
1	Register a Cash Customer. Acces the Customer Account and click on the SMS History panel. Verify the SMS sent to the Customer upon Registration.	<p>The appropriate SMS should be sent i.e. informing the customer of a successful registration.</p> <p>There should be no SMS to the effect that the CASH customer should ensure that he/she can view any free credits awarded on purchase. This is inapplicable because the customer is a cash customer and does not receive credits.</p> <p>There should also be no SMS message which references future payments e.g. "...when the customer makes payment in future...". This is not applicable because cash customer payments are a one-off.</p>	
2	Pay in the complete payment for the customer and verify the SMS(s) sent to the customer at this point.	<p>The appropriate SMS should be sent i.e. informing the customer of a successful completion of the payment due and that the customer can now collect the device from the agent.</p> <p>There should be no SMS to the effect that the CASH customer should ensure that he/she can view any free credits awarded on purchase. This is inapplicable because the cash customer is in a PaidOff state and does not receive any credits.</p> <p>There should also be no SMS message which references future payments e.g. "...when the customer makes payment in future...". This is not applicable because cash customer payments are a one-off.</p>	
3	Allocate the correct device to him/her. Verify the SMS sent to the customer upon allocation.	<p>The appropriate SMS should be sent i.e. informing the customer of a successful allocation of the device.</p> <p>There should be no SMS to the effect that the CASH customer should ensure that he/she can view any free credits awarded on purchase. This is inapplicable because the cash customer is in a PaidOff state and does not receive any credits.</p> <p>There should also be no SMS message which references fut</p>	

ure payments e.g. "...when the customer makes payment in future...". This is not applicable because cash customer payments are a one-off.

- 4 Repeat all the above with an M-Kopa III, d20g and d10g Results as above. devices. Verify the SMS(s) sent at each step.

Test case [16604](#): Forbid transfer of refunded payment

STEPS

#	Action	Expected value	Attachments
1	Identify an active customer account	Customer account	
2	Make a payment to the account and confirm the effect on the account	Uploaded successfully and sum paid in incremented by the paid in amount	
3	Refund the payment to the customer and confirm from the customer refunds	Refunded successfully	
4	From customer account check the payment history list and note the reversed payment entry	The action of 'refund' should also not be visible. Rather, NA should be shown. The transfer status should indicate refunded / partially refunded.	
5			

Test case [16602](#): Fix the bug - transferring money from an account does not always reverse the account status and credits

STEPS

#	Action	Expected value	Attachments
1	From the main menu, go to Customers>List customers	Customer List page loads containing a list of cutomers	
2	Select a customer in payment an click on the To Account link	Customer detail page load	
3	Click on the products tab and note the amount the user should pay to finish payment.	Account information noted	
4	Make a payment for the user to complete payment	use: http://smssim.kopasolar.net/Home/MakePayment/ payment made successfully, and reflects on the user account information. Status changed from In Payment to Finished payment.	
5	Click on the payment history tab	List of recent payments loads.	
6	Click on the Request Transfer on the action column for the latest payment.	A modal window opens containing inputs: Tranfer To, Customer Reference, Product Account, and Comments.	
7	Fill in the details and click on the save button	Request transfer successfully sent for approval	
8	Log in as a different user and go to Payments>Payment Exceptions>Payments Transfer Approval	Approve Payment Transfer page loaded	
9	Click on the Approve link on the action column and approve the payment transfer.	Payment transfer approved successfully	
10	Navigate to the customer detail page and click on the products tab.	Credits reverted to the original value and the status changed from Finished payment to in payment.	

Test case [16601](#): Confirm that link to do refund/transfer isn't available on a payment after approval

STEPS

#	Action	Expected value	Attachments
1	Navigate to payment history tab on a customer's page	List of payments made to the customer	
2	Perform test case #1279	Payment transfer/refund requested successfully	
3	Login as different user and navigate to payment transfers for approval	List of pending approvals for payment transfers	
4	Approve the transfer for the payment requested above	Success message	
5	Navigate to payment history tab on a customer's page	Link to request transfer/refund is no longer available for the payment that was transferred	

Test case [16540](#): Add Cash Payment Plan

STEPS

#	Action	Expected value	Attachments
1	Login to M-Kopanet		
1.1	Type in the home page address https://ke.uat.kopasola.r.net/	Loads the Home page with the login fields.	
1.2	Enter a valid Username and valid password and click Login	Redirects to the Home > Dashboard.	
2	Select Products->>Payment Plans->>Add Cash Payment Plan	Loads the page to add new cash payment plan	
3	Click Save without filling in any forms	Highlights the missing field in blue	
4	Fill in the appropriate details and click Save	Redirects to the added payment plan details.	

Test case [16539](#): Add Loan Payment Plan**STEPS**

#	Action	Expected value	Attachments
1	Login to M-Kopanet		
1.1	Type in the home page address https://ke.uat.kopasola.r.net/	Loads the Home page with the login fields.	
1.2	Enter a valid Username and valid password and click Login	Redirects to the Home > Dashboard.	
2	Select Products->>Payment Plans->>Add Loan Payment Plan	Loads the page with the fields for adding a Loan payment plan.	
3	Click on Save without filling in any details	Highlights missing fields in blue	
4	Fill in the appropriate fields and click Save	Redirects to the payment plan details page.	

Test case [16541](#): Disapprove Payment Plan

STEPS

#	Action	Expected value	Attachments
1	Login to M-Kopanet		
1.1	Type in the home page address https://ke.uat.kopasola.r.net/	Loads the Home page with the login fields.	
1.2	Enter a valid Username and valid password and click Login	Redirects to the Home > Dashboard.	
2	Select Products->>Payment Plans->>Payment Plan Approvals	Loads the list of payment plans pending approvals.	
3	Click on the "Approve" link of the selected payment plan.	Redirect to the page for approving a new payment plan.	
4	Note the fields the in the page	There is a fieldset , Approve details, with fields, approval type, approver notes , Approve/Disapprove and submit button.	
5	Click on save without filling in Approver notes	Error message that Approver notes are required.	
6	Enter a Approver notes, leave the checkbox uncheckerd and click saved.	The payment plan is disapproved. Redirects to the loan/Cash payment plan list. Disapproved plan not included.	

Test case [16543](#): List Loan Payment Plans**STEPS**

#	Action	Expected value	Attachments
1	Login to M-Kopanet		
1.1	Type in the home page address https://ke.uat.kopasola.r.net/	Loads the Home page with the login fields.	
1.2	Enter a valid Username and valid password and click Login	Redirects to the Home > Dashboard.	
2	Select Products ->>Payment Plans->>List Loan Payment Plans	Loads a List of Approved Loan Payment Plans	

Test case [16544](#): List Cash Payment Plans**STEPS**

#	Action	Expected value	Attachments
1	Login to M-Kopanet		
1.1	Type in the home page address https://ke.uat.kopasola.r.net/	Loads the Home page with the login fields.	
1.2	Enter a valid Username and valid password and click Login	Redirects to the Home > Dashboard.	
2	Select Products ->>Payment Plans->>List Cash Payment Plans	Loads the page with a list of cash payment plans which have been approved.	
3			

Test case [16542](#): Configure Repayment rates

STEPS

#	Action	Expected value	Attachments
1	Login to M-Kopanet		
1.1	Type in the home page address https://ke.uat.kopasola.r.net/	Loads the Home page with the login fields.	
1.2	Enter a valid Username and valid password and click Login	Redirects to the Home > Dashboard.	
2	Select Products ->>Other Configurations ->>configure Repayment Rates	Loads the page with approved Payment Plans and the associated repayment rate configurations.	
3	Click on the "Add configuration" link on the right	Loads the page to Add a repayment plan rate configuration	
4	Click on save button without filling in any details	Error message that unfilled details are required.	
5	Fill in all the details and click Save	Should redirect back to the page with the payment plans and their associated repayment rate configurations	
6			

Test case [16593](#): Test that transferring money from an account will reverse the account status and credits

STEPS

#	Action	Expected value	Attachments
1	Use the account in the test case #1755		
2	Identify a customer account to transfer money to	Customer account number	
3	From the customer account page Click on the "Payment history" tab	Loads all the customer payment history entries	
4	Click on the request transfer for the most recent payment entry	Loads the pop up to request transfer	
5	Fill in the account in step 2 above and click save	Shows alert that the request was made successfully	
6	Logout and login as a different user: Maker checker		
7	From the main menu select Payments- >>Payment Exceptions ->>Payment Transfers for Approval	Loads the page with requested payment transfers	
8	Note the items in the list	The Request made in step 5 is listed for approval	
9	Click on the "Approve Transfer link" for the entry to approve	Loads a popup to approve transfer	
10	Note the details in the pop up	Details match the request made	
11	Enter an approval comment and click on save	The pop up closes, and the entry is removed from the list	
12	Go to the customer account in step 2 above , click on their products tab and check their transaction history	Indicates a payment transfer of amount transferred	
13	Navigate to the device management page ->>State Sent tab	A new entry added of State 2	

Test case [16703](#): Cancelling an account queue item should correctly update the account balance

STEPS

#	Action	Expected value	Attachments
1	On M-KOPAnet Homepage search for customer	customer details are displayed with links"update information,send message,Add product,Declined product,free usage,block account,Sell Add-On,initiate direct swap,mark for return"	
2	Take note of the account balance AND click on "Sell Add-On" link	Customer details page is loaded with Add-on info form and "Sell" button	
3	Press on the "Sell" button without filling in any details	Validation error requesting you to fill in the details	
4	Fill in the form with all required details and press "Sell" button	A pop up will be displayed with message asking you if you want to sell the selected Add-on with its price in brackets and "OK" and "cancel" button	
5	Press "cancel"button	No changes to customer account, customer credits remains the same,Amount to pay also remains the same.	
6	Repeat step 4 AND on the pop up press "OK" button	message Add-on purchased successfully will be displayed with link "click here to go to customer page"	
7	click on the link"click here to go to customer account"	customer account details page is displayed with details of the Add-on purchased on step 6 above,Note credits has changed reflecting an additional credits awarded in step 6 and amount to pay will increased to reflect the price of the Add-on.also on the add on details is a link "Cancel"	
8	Click on "cancel"link		

Test case [16570](#): Add Payment Plan

STEPS

#	Action	Expected value	Attachments
1	Navigate to payment plans => add loan payment plan	Form for adding payment plan	
2	Click save without filling in all details	Error messages displayed	
3	Fill in the details and click save	View details of inserted data + appears for approval	
4	Login as different user		
5	Navigate to payment plan approvals page	List of payment plans for approval	
6	Fill in "notes" and "is approved" checkbox and click save	Payment plan activated	
7	Navigate to payment plans list	The payment plan is visible with an "active" status	
8	Repeat but with Cash payment plan	After approval, appears in list & appears under Products for a dealer with ability to sell that product	

Test case [16649](#): Restructure Loans: Test Commissions

STEPS

#	Action	Expected value	Attachments
1	Perform test case 4265 and note the commission amounts on completion	Amounts noted and test performed	
2	Pay in to the "restructured" product enough to complete payment	Payments made and product in finished payment	
3	Check whether the new commission amounts have been paid to the outlet/operator and confirm that the old ones have not been paid	New commission amounts paid, old ones not paid	

Test case [16650](#): Make customer payment from mpesa

Test case [16651](#): Make payment for an existing customer/existing phone number via M-Pesa

STEPS

#	Action	Expected value	Attachments
1	Identify an existing loan customer who is yet to complete his/her payment, noting his/her account number. -->Customers -> List customers -> To Account.	Customer account number noted.	
2	While on the Customer Details screen, click on the 'Products' tab. Note the number of credits the customer currently has.	Credits noted.	
3	On the Products tab, click on Device Management then click on the 'Credits Sent' tab and note the last date on which credit was sent to the customer.	Latest date created noted.	
4	On the Products tab, note how much the customer still has to pay, based on the 'Amount to Pay' field.	Amount to Pay noted.	
5	Click on the SMS History tab and note the date of the last SMS sent to the customer.	'Date Created' of the last SMS sent noted.	
6	Switch back to the Products tab and note the Customer's payment plan as stated on the Payment Plan field.	Customer's Payment Plan noted.	
7	Access the 'Products' main menu. Select 'Payment Plans' then 'List Loan Payment Plans'.	The 'Loan Payment Plans List' screen is displayed, listing various payment plans and their total costs and cost per credit.	
8	Identify the payment plan the customer is in and note its cost per credit.	The cost per credit of the customer's Payment Plan is noted.	
9	Go to http://smssim.kopasolar.net/home/makepayment	Site loads successfully. A 'Payment Request Form' is displayed.	
10	On the dropdown field, select 'Mpesa'.	Selection successful. 'Mpesa' displayed as selected option on the dropdown field.	
11	On the 'Account Number' textbox, key in the account number of the customer identified in Step 1.	Customer's account number input successfully.	
12	In the 'PayingNumber' textbox, key in a Safaricom phone number. Format: Country Code + Mobile Area Code + Number. where the, Country Code ==> +254 Mobile Area Code ==> A 3-digit prefix ranging from '700' to '729'. Number ==> A 6-digit random number (for testing purposes). For instance, +254726333333.	'Safaricom' phone number keyed in successfully.	
13	In the 'Amount Paid' textbox, key in the amount you wish to deposit in the customer's account (Preferably less than his remaining 'Amount to Pay').	Amount paid keyed in successfully.	
14	Key in the Customer's Name in the 'CustomerName' textbox.	Customer's Name keyed in successfully.	
15	Click on Create.	A message is displayed on the page "OK Payment received ok".	
16	Switch back to the Customer system and verify that you have received the customer payment by going to: --> Payments -> Customer Payments List -> check for the latest payment by the customer (should be top of the list).	The payment made for the customer exists on the Customer Payments List and is matched to the correct customer based	

- e list) -> Verify the customer name, amount, phone number, payment date, reference/Account Number is what you had sent in.
- 17 Switch back to that particular customer's Customer Details screen, click on the 'Products' tab. Note the number of credits the customer now has.
- 18 Click on the SMS History tab and verify the date and message content of the last SMS sent.
- 19 Switch back to the Products tab. Click on the Device Management link then click on the Credits Sent tab on the screen displayed.
- 20 Verify the latest date on the 'Date Created' column.
- 21 Verify the number of credits displayed on the Credits column.
- 22 Verify that the Response column displays the correct and latest number of credits sent.
- 23 Repeat the above tests by uploading an M-Pesa file for the customer instead of using the sms portal.
- 24 Repeat the above tests for different customer devices i.e. Hummingbird, Ibis, D20g, D10g.
- on customer name, reference/account number, phone number, payment date and amount.
- The number of credits has been incremented by the number of credit units bought, determined by: (amount paid/cost per credit of the payment plan). In this instance say, $(2000/50 = 40)$ units.
- The SMS History tab has been updated and now displays the latest payment acknowledgement SMS sent to the Customer, at the top of the list, with today's date as the 'date created' date(day when payment was made).
- Message reads: "M-KOPA has received your payment of Ksh. (amount paid), paid to account KE(account number). The payment expires on (date). You have (remaining number of days) days to pay for to complete full payment. Press the Credit Search or 'C' button on your device to pick your credits.".
- A list showing a history of the credits sent to the customer is displayed, with the latest being topmost.
- The topmost date on the date created column is today's date (i.e. date payment was made).
- The Credits column reflects the latest number of credits recently bought and sent to the customer.
- The Response column displays the latest number of credits bought and sent to the customer i.e. "OK Credit (number of credits just bought) sent to (IMEI Number)...".
- Results as above.
- Results as above.

Test case [16652](#): Make payment for a new cash customer via M-Pesa

STEPS

#	Action	Expected value	Attachments
1	Register a new loan customer. -->Customers -> Registrations -> New Registrations -> Fill in all the details and on 'Payment Plan Type', select Cash. ->Click on 'Save'.	Customer registered successfully. The Customer Details page is displayed.	
2	While on the Customer Details screen, click on the 'Products' tab. Note the amount listed on the 'Amount to Pay' field and on the Product Deposit field.	Amount to Pay noted. Amount to pay at this point is equal to the Product Price. Product deposit is zero.	
3	Click on the SMS History tab and note the date of the last SMS sent to the customer.	'Date Created' of the last SMS sent noted.	
4	Verify that the customer exists on the 'Passed Registrations' list. -->Customers -> Registrations -> Passed Registrations.	Customer is amongst those listed on the Passed Registration screen.	
5	Go to http://smssim.kopasolar.net/home/makepayment	Site loads successfully. A 'Payment Request Form' is displayed.	
6	On the dropdown field, select 'Mpesa'.	Selection successful. 'Mpesa' displayed as the selected option on the dropdown field.	
7	On the 'Account Number' textbox, key in the account number of the customer identified in Step 1.	Customer's account number input successfully.	
8	In the 'PayingNumber' textbox, key in an Mpesa phone number. Format: Country Code + Mobile Area Code + Number. where the, Country Code ==> +254 Mobile Area Code ==> A 3-digit prefix ranging from 70 0 to 729. Number ==> A 6-digit random number (for testing purposes). For instance, +254701878787	'Mpesa' phone number keyed in successfully.	
9	In the 'Amount Paid' textbox, key in the amount you wish to deposit in the customer's account (should be equal to the product price/amount to pay).	Amount paid captured successfully.	
10	Key in the Customer's Name in the 'CustomerName' textbox.	Customer's Name keyed in successfully.	
11	Click on Create.	A message is displayed on the page "OK Payment received ok".	
12	Switch back to the Customer system and verify that you have received the customer payment by going to: --> Payments -> Customer Payments List -> check for the latest payment by the customer (should be top of the list) -> Verify the customer name, amount, phone number, payment date, reference/Account Number is what you had sent in.	The payment made for the customer exists on the Customer Payments List and is matched to the correct customer based on customer name, reference/account number, phone number, payment date and amount.	
13	Switch back to that particular customer's Customer Details screen, click on the 'Products' tab. Note the 'Amount to Pay'.	The Amount to pay is now KSh 0.00.	
14	Click on the SMS History tab and verify the date and message content of the latest SMS sent.	The SMS History tab has been updated and now displays the latest payment acknowledgement.	

ent SMS sent to the Customer, at the top of the list, with today's date as the 'date created' date(day when payment was made).

Message reads: "Congratulations! You have completed payment for your M-KOPA Solar. In the event of any overpayment, we will contact you within 7 days. For any queries, call us on (number).".

- | | |
|---|--|
| <p>15 Verify that the customer no longer exists on the 'Passed Registrations' list.
-->Customers -> Registrations -> Passed Registrations.</p> | <p>Customer is not listed on the Passed Registrations screen.</p> |
| <p>16 Verify that the customer is now listed on the 'Awaiting Allocation' list.
-->Customers -> Awaiting Allocation.</p> | <p>Customer is now listed on the 'Customers Awaiting Allocation' list on the Awaiting Allocation screen.</p> |

Test case [16683](#): Verify that there are no duplicates on the screening list upon change of payment plan

STEPS

#	Action	Expected value	Attachments
1	Create a d20g customer.	Customer created successfully.	
2	Pay in a deposit that is less than that of the d20g but equal to that of another payment plan, e.g. if d20g is 299, pay in 2500 which is the deposit of d10g. Check the screening list.	Customer not present as deposit paid in is insufficient. Account Status reads as 'In Deposit pending'.	
3	Change plan to a d10g plan. Check screening list.	Customer now present.(Verify that on the product tab, the account status does not display as finished payment' - at this point, i.e. it should display as 'Deposit paid').	
4	Pay in the initial d20g deposit for the customer i.e. top up existing deposit amount to equal that of a d20g i.e. from 2500 to 2999(pay in an increment of 499). Check screening list.	Only one entry should exist for this customer account and it should reflect the last assigned payment plan. i.e. 2 entries should not exist for the customer.	

Test case [16716](#): Change M-KOPA payment confirmation SMS

STEPS

#	Action	Expected value	Attachments
1	Login to M-Kopanet		
1.1	Type in the home page address https://ke.uat.kopasola.r.net/	Loads the Home page with the login fields.	
1.2	Enter a valid Username and valid password and click Login	Redirects to the Home > Dashboard.	
2	Go to Customers=>List of Customers	Customers list page is displayed with the following columns "Date Registered", "Surname", "Other Names", "Phone #", "ID No.", and "Action".	
3	From the list select an active account to make payment for	Customer account identified or	
4	Click on "To Account" on the action link	Customer's account page is displayed	
5	Using the following url http://smssim.kopasolar.net make payment to the customer	Payment should be made successfully	
6	Go back to customers account page AND view Customers SMS History	The following SMS should be visible English version M-KOPA has received (amount), for A/C (account number), you have light until (date). Pay quickly & be eligible for UPGRADES! Only (credit value) more credits needed Kiswahili version "M-KOPA imepokea malipo ya (amount) kwa A/C (account number), utapokea mwangaza hadi (date) usiku. Lipa haraka kuboresha maisha! Zimesalia kredits (x credits) kuhitimu.	

Test case [16726](#): Comment column on Unmatched payments

STEPS

#	Action	Expected value	Attachments
1	Login to M-Kopanet		
1.1	Type in the home page address https://ke.uat.kopasola.r.net/	Loads the Home page with the login fields.	
1.2	Enter a valid Username and valid password and click Login	Redirects to the Home > Dashboard.	
2	Click on payments>>Payment Exceptions>>Unmatched	List of all Unmatched payments is displayed with columns "receipt, payment date, received date, amount, paid by, reference, phone number, source, Action" and links to "assign, reverse and info"	
3	On Action column click on "info" link on one of the row	Unmatched payments details page is loaded with "Add Comments" link	
4	Click on the link "Add Comments"	A "Comment form" pops up with Comment text area, "Cancel" and "Save Comment" buttons	
5	Press "Save Comments" button without typing on the comments text area	validation error message is displayed requesting you to type in the comments	
6	Type in the comments and press "cancel" button	a pop up disappears and typed comments is not saved on the payments details page	
7	Repeat step 4 and type in the comments then press on the "Save Comments" button	A pop up disappears and the typed in comments are shown on the payments details page comments column with your name on the column created by.	

Test case [16737](#): Standard date format "yyyy-mm-dd" for all views on Payments Menu

STEPS

#	Action	Expected value	Attachments
1	Login M-KOPAnet	Login successful	
2	Go to Payments=>Customer Payment list	Customers Payments page should be loaded containing the following columns "Receipt Number", "Amount Paid", "Paid By", "Payment Date", "Received Date", "Payment Phone", "Reference", "Source", and "Info". Payment Date and Received Date should be in the format of yyyy-mm-dd	
3	Go to Payments=>Dealer Payment List	Dealer Payments page is loaded containing the following columns "Receipt Number", "Amount Paid", "Paid By", "Payment Date", "Received Date", "Payment Phone", "Reference", "Dealer", "Transfer Status", "Source", and "Action". Payment Date and Received Date should be in the format of yyyy-mm-dd	
4	Go to Payments=>Search for Payment=>	Search for Payment page is loaded containing a form to fill in data with "Receipt Number" and "Payment Date".	
5	On the "Payment Date" text field click on the calendar AND Select a date	"Payment Date" should be in the format of yyyy-mm-dd	A
6	Go to Payments=>Payment Exceptions=>Unmatched.	UnMatched Payments page is loaded containing the following columns "Receipt", "Payment Date", "Received Date", "Amount", "Paid By", "Reference", "Phone Number", "Source", and "Action". "Payment Date" and "Received Date" should be in the format of yyyy-mm-dd.	
7	Go to Payments=>Payment Exceptions=>Payment Transfers for Approval.	Approve Payment Transfers page is loaded containing the following columns "Date Created", "Requested By", "Requestor Notes", and "Action". "Date Created" should be in the format of yyyy-mm-dd.	
8	Go to Payments=>Payment Exceptions=>Reversed Payment	Reversed Unmatched Payments page is loaded containing the following columns "Receipt", "Payment Date", "Received Date", "Amount", "Paid by", "Phone Number", "Source" and "Info". "Payment Date" and "Received Date" should be in the format of yyyy-mm-dd	
9	Go to Payments=>Deposit Candidate=>Matched Pay	Deposit Candidates page is lo	

	ments	aded containing the following columns Date","Receipt Number","Phone Number","Amount","Matched Amount",and"Allocated To". "Payment Date"should be in the format of yyyy-mm-dd
10	Go to Payments=>Customer Payment=>Floating Payment	Floating Payer Payments page is loaded containing the following columns "Payment Receipt Number Amount"Paid By","Payment Date","Payment Phone","Reference","Source", and"Action". "Payment Date"should be in the format of yyyy-mm-dd
11	Go to Payments=>Customer Payment=>List Withdrawals	Payer Payment Withdrawals page is loaded containing the following columns "Receipt","Date Created","Amount","Created by","Processed By","Date Processed", and "Info". "Date Created"should be in the format of yyyy-mm-dd
12	Go to Payments=>Customer Payment=>Withdrawals or Approval	F Payer Payment Withdrawals page is loaded containing the following columns "Receipt","Date Created","Amount","Created by","Processed By","Date Processed", and "Info". "Date Created"should be in the format of yyyy-mm-dd
13	Go to Payments=>Payouts=>Deposit Payouts	Pending Deposit Refund Payouts page is loaded containing the following columns "Account number","Customer name","Deposit Amount","Date created", and"Action". "Date Created"should be in the format of yyyy-mm-dd
14	Go to Payments=>Refunds=>Approve Customer Refunds	Refunds Pending Approval page is loaded containing the following columns "User Name","User Ref","Account Number","Amount","Date Created","Requested By","Type", and"Approve". "Date Created"should be in the format of yyyy-mm-dd
15	Go to Payments=>Refunds=>Approve Dealer Refunds	Dealer Refunds for Approval page is loaded containing the following columns "Dealer","Account Number","Amount","Date Created","Requested By" and "Approve". "Date Created"sho

uld be in the format of yyyy-m
m-dd

Test case [16741](#): Replace the 'Amount to Unblock' or the 'Deadline Date' columns with a Last Payment Date column

STEPS

#	Action	Expected value	Attachments
1	Go to Customers> Blocked Customers	List of blocked customers is displayed	
2	Check for the column "Last Payment date"	"Last Payment date" column is visible with the latest payer at the top of the list	

Test case [16691](#): Time stamp inconsistencies

STEPS

#	Action	Expected value	Attachments
1	Go to Payments>Customer Payment List. Take a note of a payment and the receipt number. Take a note of the payment date and time and the received date and time.	Dates and times well noted	
2	Go to Payments>Search for Payments. Key in the receipt number picked above and search for the payment. Note the payment date and time and the date received date and time.	Dates and times well noted	
3	Search for the customer who made the payment. Go to the payment history and search for the particular payment. Note the date and time created and the payment date and time.	Dates and times well noted	
4	Compare the dates and times in these three instances	The dates and times are identical.	

Test case [16779](#): M-PESA file uploads should be accepted into Kenya

STEPS

#	Action	Expected value	Attachments
1	Login to M-Kopanet		
1.1	Type in the home page address https://ke.uat.kopasola.r.net/	Loads the Home page with the login fields.	
1.2	Enter a valid Username and valid password and click Login	Redirects to the Home > Dashboard.	
2	Access the following menus Payments=>Payment File Upload=>M-Pesa	Upload Payment File(M-PESA) page is loaded with select button, empty box field and upload button	
3	Using the old template in your PC Save the M-Pesa file in your computer e.g My Documents	File saved successfully	
4	Press on the Select button and select the file you have just saved in step 3	File uploaded successfully	
5	Fill in all the required information on the empty text box AND press Upload	A successful message is displayed informing customer the file has successfully uploaded	
6	Repeat step 3 and 4 using the new template	File uploaded successfully. A successful message is displayed informing customer the file has successfully uploaded	

Test case [16720](#): When doing cancellation of a payment transfer, the pop up that appears is exactly the same as the one for approval. So when one cancels, they still get an approval message. It should be changed to show that it is a cancellation.

STEPS

#	Action	Expected value	Attachments
1	Log in to MKOPAnet	MKOPAnet homepage is displayed with various menus	
2	click on payments menu>>payments exceptions>>payment transfers for approvals	List of all payments transfers awaiting approval/cancellation are displayed	
3	click on "Approve transfer" on one of the row	a pop up is displayed with comments text area and "save" button	
4	press "save" button without typing in comments	Validation error message displayed requesting you to enter comments	
5	Enter comments and press "Save" button	a pop up is displayed with message "transfer approved successfully"	
6	repeat step 2 and click on "cancel transfer" tab in one of the rows	a pop up with comments text area is displayed	
7	press on "Save" button without typing in any comments	validation error message should be displayed requesting you to enter comments	
8	Enter comments and press on "save"	a pop up with the message "payment cancel successfully" displayed.	

Test case [16750](#): Select users who have paid since a specified date and time

STEPS

#	Action	Expected value	Attachments
1	Login to M-Kopanet		
1.1	Type in the home page address https://ke.uat.kopasola.r.net/	Loads the Home page with the login fields.	
1.2	Enter a valid Username and valid password and click Login	Redirects to the Home > Dashboard.	
2	Select a customer you intend to send a SMS and note Account number	Customer account number noted	
3	Using http://smssim.kopasolar.net/home/makepayment make payment to the customer	Payment made successfully	
4	Go to Payments=>Customer Payment List	Loads all customers payment at the top being the latest	
5	Search for the customer payment and note its date	Customer payment noted and date should be latest date(current)	
6	Access the following Menus=> Payment=>Customer Payment List	Customer payment page is loaded with the following columns "Receipt Number","Amount","Paid By","Payment Date","Received Date","Payment Phone","Reference","Source", and "Info".	
7	Select atleast 5 accounts that have made payments in the last three days or more for subsequent tests case 88	5 accounts noted with their payments dates	

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Test case [16744](#): Have a view showing approved refunds that are available for exporting as a payout on the Create Payout page

STEPS

#	Action	Expected value	Attachments
1	Login to M-Kopanet		
1.1	Type in the home page address https://ke.uat.kopasola.r.net/	Loads the Home page with the login fields.	
1.2	Enter a valid Username and valid password and click Login	Redirects to the Home > Dashboard.	
2	Go to Customers menu->list of customers	A list of all customers page is loaded	
3	Click on "To account" on one of the customers	Customer account details page is loaded	
4	Using http://smssim.kopasolar.net/ make payment for the customer selected in step 3	payment successfully made and reflected on customer account.	
5	On the same customer account click on "Payment History" tab	list of all payments made by that customer is shown with the payment made in step 4 on the top of the list with "Refund" and "Request transfer" links on the action column.	
6	On the action column click on the link "Refund"	A Request refund form pops up with fields to fill	
7	Enter the amount you wish to refund and fill in other details correctly THEN press "Summit" button	A message is displayed informing you that the request has gone for approval.	
8	Using different credentials Login to M-KOPAnet	Login successful	
9	Go to Payments->Refunds->Approve customer Refunds	"Refund Pending Approval" page is loaded with list of all approvals pending and "Approve" column	
10	On Approve column click on "Approve"link	"Approve refund" page is loaded with Approval status drop down,notes text area and Submit button	
11	On the "Approval status"drop down select "approve" AND fill in the notes THEN,press the "Save" button	Refund request approve successfully.	
12	Go to payments->payouts->product refund	Product refund page is loaded with "create payout fields" and "payout preview" section	
13	Check the "payout preview"section	Payout preview section contains a list of all refunds to be paid out with refund approved in step 11 on top of the list	

Test case [35685](#): Verify that display name is restricted to 50 characters

STEPS

#	Action	Expected value	Attachments
1	Log in to Mkopanet using correct email and password	Log in successful	
2	From global navigation, select products>payment plans >list loan/cash payment plans	Open update Cash/loan Payment Plan page	
3	Verify display name(marketing) field	Display name is located under name field	
4	Enter a display name > 50 characters	Display a validation message once display name exceeds 50 characters i.e You have exceeded 50 characters.	
5	Click save with display name being > 50 characters	Display name is not saved	
6	Enter a display name < 50 characters	No validation error message is displayed	
7	Click save	Display name updated successfully	

Test case [35686](#): Verify that only payment plan name and display name are editable

STEPS

#	Action	Expected value	Attachments
1	Log in to Mkopanet using correct email and password	User logged in successfully	
2	From the global menu, select products>payment plans >List loan/cash payment plans	Open a list of the loan/cash payment plans existing respectively	
3	In the action menu, click the edit link	Open an update loan/cash payment plan page	
4	Verify only fields for plan name and display name are editable	Plan name and display name are the only fields that allow editing. All other fields are disabled.	
