

USER ACCEPTANCE TEST SCENARIO

OPERATING LEASE SUPPORT SYSTEM

User Role Management module

Prepared for

PT. DIPO STAR FINANCE



PT. Berlian Sistem Informasi
2015

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Test Case - Functionality

Business Process Scenario (Tested Module)	1) User Screen 2) Role Screen 3) Permission Screen 4) Implementation
Reviewed by Project Manager	<u>Sign Off:</u>
Testing By	<u>Verifier by Business Analyst</u> : <u>Test Run Date</u> : 3 - 6 - 2015 , 4 - 6 - 2015

Verification & Review shall be done for this testing Scenario before used

1) Permission Screen

Test Case #1 : View List of Permission

Pre-Condition

- Open a web application using internet explorer 9.0 or higher. Url = http://10.1.1.37/olss_qa_cr
- Users must be signing to the system as "Admin".
- Permission screen should be opens.

Remarks

TEST STEPS					
ID Steps	Steps	Expected Result	Pass / Fail	Evidence / Attachment	Comment / Remarks
1.1	Positive test: <ul style="list-style-type: none"> • Open Permission screen, and wait until list of existing Function displayed properly • Make sure there is "reload" button • Make sure list of existing Function displayed properly 	<ul style="list-style-type: none"> • There is "reload" button • List of existing Function displayed properly 	P		Conducted on 3 - 6 - 2015

Test Case #2 : Reload Function

TEST STEPS					
ID Steps	Steps	Expected Result	Pass / Fail	Evidence / Attachment	Comment / Remarks
2.1.	<p>Positive test:</p> <ul style="list-style-type: none"> Open Permission screen, and wait until list of existing Function displayed properly Make sure there is "reload" button Make sure list of existing Function displayed properly Click "reload" button to update list of function. System will fetch all existing function from "Controller". 	<ul style="list-style-type: none"> There is "reload" button List of existing function displayed properly If there is new function from "Controller", It will be added on Permission screen If there is no new function from "Controller, System will display message 	P		

Test Case #3 : Set Alias Name & Activate Permission

Pre-Condition	<ul style="list-style-type: none"> Open a web application using internet explorer 9.0 or higher. Url = http://10.1.1.37/oiss_qa_cr Users must be signing to the system as "Admin". Permission screen should be opens.
Remarks	

TEST STEPS

ID Steps	Steps	Expected Result	Pass / Fail	Evidence / Attachment	Comment / Remarks
3.1	<p>Positive test:</p> <ul style="list-style-type: none"> Open Permission screen, and wait until list of existing Function displayed properly Make sure list of existing Function displayed properly Please select one inactive function that will be set its alias name, and leave alias name as default. Click "activate/deactivate" button (cross icon) to save 	<ul style="list-style-type: none"> Data will be saved into the database system Permission become active Alias name field become label and non-editable "activate/deactivate" button become "check" icon 	F	<p>RETEST ON 06-2015 BY DRINK (PASS)</p> <p>on activate/deactivate button</p>	<p>ERROR CAUSE NETWORKING. please add tooltip message</p>

3.2	alias name and automatically activate permission.			
3.4	<p><u>Positive test:</u></p> <ul style="list-style-type: none"> Please select one inactive function that will be set its alias name, by input alias name in the field provided. Please change default value of alias name provided with another value Confirmation dialog will be displayed because User will create new alias name. Click "Yes" button. Click "activate/deactivate" button (cross icon) to save alias name and automatically activate permission. 	<ul style="list-style-type: none"> Data will be saved into the database system Permission become active Alias name field become label and non-editable "activate/deactivate" button become "check" icon 	F (PASS)	Re-test try to activate function on 8-6-2015 with different name, but not successful by Denik
3.5	<p><u>Negative test:</u></p> <ul style="list-style-type: none"> Please select one inactive function that will be set its alias name, and make alias name empty. Click "activate/deactivate" button(cross icon) to save alias name and automatically activate permission. 	<ul style="list-style-type: none"> When "No" button was clicked, System will restore alias name to default value Data will be saved into the database system Permission become active Alias name field become label and non-editable "activate/deactivate" button become "check" icon 	F by Denik (PASS)	Re-test on 8-6-2015 - Alias not change to default value - status not change
				"Alert message can't be closed after click 'OK' button by Denik (PASS)"

Test Case #4 : Deactivate Permission

Pre-Condition	<ul style="list-style-type: none"> - Open a web application using internet explorer 9.0 or higher. Url = http://10.1.1.37/oiss_qa_cr - Users must be signing to the system as "Admin". - Permission screen should be opens.
Remarks	

TEST STEPS

ID Steps	Steps	Expected Result	Pass / Fail	Evidence / Attachment	Comment / Remarks
4.1	<u>Positive test:</u> <ul style="list-style-type: none"> Open Permission screen, and wait until list of existing Function displayed properly Make sure list of existing Function displayed properly Please select one active function that will be deactivate. Make sure selected active function not related to active Role Click "activate/deactivate" button (check icon) to deactivate permission. 	<ul style="list-style-type: none"> Data will be saved into the database system Permission become inactive Alias name field become textbox and editable "activate/deactivate" button become "cross" icon 	F		invalid message when deactivate permission Re-test on 8-6-2015 by Devn. F (PASS)
4.2	<u>Positive test:</u> <ul style="list-style-type: none"> Open Permission screen, and wait until list of existing Function displayed properly Make sure list of existing Function displayed properly Please select one active function that will be deactivate. Make sure selected active function already related to active Role Click "activate/deactivate" button (check icon) to deactivate permission. Confirmation dialog will be displayed because User will deactivate permission which already related to active Role. Click "yes" button. 	<ul style="list-style-type: none"> Data will be saved into the database system Permission become inactive Alias name field become textbox and editable "activate/deactivate" button become "cross" icon This function not related to any Role anymore 	F		invalid message when deactivate permission Re-test on 8-6-2015 by Devn. F (PASS)
4.3	<u>Positive test:</u> <ul style="list-style-type: none"> Open Permission screen, and wait until list of existing Function displayed properly Make sure list of existing Function displayed properly Please select one active function that will be deactivate. Make sure selected active function already related to active Role Click "activate/deactivate" button (check icon) to deactivate permission. Confirmation dialog will be displayed because User will deactivate permission which already related to active Role. Click "No" button. 	<ul style="list-style-type: none"> When "No" button was clicked, System will cancel deactivate process Permission still active Alias name field still label and non-editable "activate/deactivate" button still "check" icon 	F		invalid message when deactivate permission Re-test on 8-6-2015 by Devn. F (PASS)

2) Role Screen

Test Case #5 : View List of Role

Pre-Condition	<ul style="list-style-type: none"> - Open a web application using internet explorer 9.0 or higher. Url = http://10.1.1.37/oiss_qa_cr - Users must be signing to the system as "Admin". - Role screen should be opens.
Remarks	

TEST STEPS

ID Steps	Steps	Expected Result	Pass / Fail	Evidence / Attachment	Comment / Remarks
5.1	<p><u>Positive test:</u></p> <ul style="list-style-type: none"> • Open Role screen, and wait until list of existing Role displayed properly • Make sure list of existing Role displayed properly 	<ul style="list-style-type: none"> • List of existing Role displayed properly 	P		

Test Case #6 : Create Role

Pre-Condition	<ul style="list-style-type: none"> - Open a web application using internet explorer 9.0 or higher. Url = http://10.1.1.37/oiss_qa_cr - Users must be signing to the system as "Admin". - Role screen should be opens.
Remarks	

TEST STEPS

ID Steps	Steps	Expected Result	Pass / Fail	Evidence / Attachment	Comment / Remarks
6.1	<p><u>Positive test:</u></p> <ul style="list-style-type: none"> • On the role list screen, click [add] button. • After "add new" screen opens, fill out a data role in the add new screen <ul style="list-style-type: none"> • Mandatory field should be filled. • Select some function to be pinned on the Role, by 	<ul style="list-style-type: none"> • If "edit" permission is selected, "view" permission automatically will be selected • Return back to the role list screen and displayed notification in the screen. • Data will be stored into the database system, and will be added to the role list. 	F		<p>If "edit" permission is selected, "view" permission not selected automatically Re-test on 8-6-2015 By Dom. F (PASS)</p>

	<ul style="list-style-type: none"> providing a check mark. If "edit" permission is selected, "view" permission automatically will be selected Click [submit] button 			
6.2	<u>Positive test:</u> <ul style="list-style-type: none"> On the role list screen, click [add] button. After "add new" screen opens, fill out a data role in the add new screen Mandatory field should be filled. Don't select any function to be pinned on the Role, by providing a uncheck mark to all function Click [submit] button 	<ul style="list-style-type: none"> Return back to the role list screen and displayed notification in the screen. Data will be stored into the database system, and will be added to the role list. 	P	
6.3	<u>Negative test:</u> <ul style="list-style-type: none"> In the "add new" screen, fill out a role data with existing data. 	<ul style="list-style-type: none"> Displayed alert message in the screen, and notified that the role account is already exist. 	F	re-test on 8/6/2015 still can add new role even though the role already exists. (Pass)

Test Case #7 : Update Role

Pre-Condition	<ul style="list-style-type: none"> - Open a web application using internet explorer 9.0 or higher. Url = http://10.1.1.37/olss_qa_cr - Users must be signing to the system as "Admin". - Role screen should be opens. 			
Remarks				
TEST STEPS				
ID Steps	Steps	Expected Result	Pass / Fail	Evidence / Attachment
7.1	<u>Positive test:</u> <ul style="list-style-type: none"> Please select which record that will be edited, by using click [edit] button on the role list screen. Edit existing data in the edit screen. Mandatory field should be filled. Select some function to be pinned on the Role, by 	<ul style="list-style-type: none"> If "edit" permission is selected, "view" permission automatically will be selected Return back to the role list screen and displayed notification in the screen. Data will be stored into the database system, and will be added to the role list. 	P	

7.2	<p>Positive test:</p> <ul style="list-style-type: none"> Please select which record that will be edited, by using click [edit] button on the role list screen. Edit existing data in the edit screen. Mandatory field should be filled. Don't select any function to be pinned on the Role, by providing a uncheck mark to all function Click [save changes] button 	<ul style="list-style-type: none"> Return back to the role list screen and displayed notification in the screen. Data will be stored into the database system, and will be added to the role list. 	P	

Test Case #8 : View Detail of Role

Pre-Condition	- Open a web application using internet explorer 9.0 or higher. Url = http://10.1.1.37/oiss_ga_cr - Users must be signing to the system as "Admin". - Role screen should be opens.				
Remarks					
TEST STEPS					
ID Steps	Steps	Expected Result	Pass / Fail	Evidence / Attachment	Comment / Remarks
8.1	<p>Positive test:</p> <ul style="list-style-type: none"> Please select which record that will be viewed, by using click [view] button on the role list screen. Ensure that the data is display on the view detail screen properly. 	<ul style="list-style-type: none"> View detail screen will be opens and data will be displayed on the screen. 	P		

Test Case #9 : Deactivate Role

TEST STEPS					
ID Steps	Steps	Expected Result	Pass / Fail	Evidence / Attachment	Comment / Remarks
9.1	<p>Positive test:</p> <ul style="list-style-type: none"> Please select which record that will be viewed, by using click [view] button on the role list screen. Make sure selected active role not related to active permission and active User Ensure that the data is display on the view detail screen properly. Verify a status that you want to changed. Click "deactivate" button. 	<ul style="list-style-type: none"> Role become inactive Return back to the role list screen and displayed notification in the screen. Data will be updated into the database system, and automatically refresh the role list. 	P		
9.2	<p>Positive test:</p> <ul style="list-style-type: none"> Please select which record that will be viewed, by using click [view] button on the role list screen. Make sure selected active role already related to active permission and active User Ensure that the data is display on the view detail screen properly. Verify a status that you want to changed. Click "deactivate" button. Confirmation dialog will be displayed because User will deactivate role which already related to active permission and active User. Click "Yes" button. 	<ul style="list-style-type: none"> Role become inactive Return back to the role list screen and displayed notification in the screen. Data will be updated into the database system, and automatically refresh the role list. This role not related to any permission and any User anymore 	P		
9.3	<p>Positive test:</p> <ul style="list-style-type: none"> Please select which record that will be viewed, by using click [view] button on the role list screen. Make 	<ul style="list-style-type: none"> When "No" button was clicked, System will cancel deactivate process Role still active Return back to the role list screen and displayed 	P		

	<ul style="list-style-type: none"> sure selected active role already related to active permission and active User Ensure that the data is display on the view detail screen properly. Verify a status that you want to changed. Click "deactivate" button. Confirmation dialog will be displayed because User will deactivate role which already related to active permission and active User. Click "No" button.. 			
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Test Case #10 : Set to Draft Role

Pre-Condition	- Open a web application using internet explorer 9.0 or higher. Url = http://10.1.1.37/0ss_qa_cr - Users must be signing to the system as "Admin". - Role screen should be opens.
Remarks	

TEST STEPS

ID Steps	Steps	Expected Result	Pass / Fail	Evidence / Attachment	Comment / Remarks
10.1	<p><u>Positive test:</u></p> <ul style="list-style-type: none"> Please select which record that will be viewed, by using click [view] button on the role list screen. Make sure selected active role not related to active permission and active User Ensure that the data is display on the view detail screen properly. Verify a status that you want to changed. Click "set to draft" button. 	<ul style="list-style-type: none"> Role become draft Return back to the role list screen and displayed notification in the screen. Data will be updated into the database system, and automatically refresh the role list. 	P		
10.2	<p><u>Positive test:</u></p> <ul style="list-style-type: none"> Please select which record that will be viewed, by using click [view] button on the role list screen. Make sure selected active role already related to active 	<ul style="list-style-type: none"> Role become draft Return back to the role list screen and displayed notification in the screen. Data will be updated into the database system, and 	P		

	<ul style="list-style-type: none"> • permission and active User • Ensure that the data is display on the view detail screen properly. • Verify a status that you want to changed. • Click "set to draft" button. • Confirmation dialog will be displayed because User will set to draft role which already related to active permission and active User. Click "Yes" button. 	<ul style="list-style-type: none"> • automatically refresh the role list. • This role not related to any permission and any User anymore 		
10.3	<p>Positive test:</p> <ul style="list-style-type: none"> • Please select which record that will be viewed, by using click [view] button on the role list screen. Make sure selected active role already related to active permission and active User • Ensure that the data is display on the view detail screen properly. • Verify a status that you want to changed. • Click "set to draft" button. • Confirmation dialog will be displayed because User will set to draft role which already related to active permission and active User. Click "No" button. 	<ul style="list-style-type: none"> • When "No" button was clicked, System will cancel set to draft process • Role still active • Return back to the role list screen and displayed notification in the screen. 	P	

3) User Screen

Test Case #11 : View List of User

Pre-Condition	<ul style="list-style-type: none"> - Open a web application using internet explorer 9.0 or higher. Url = http://10.1.1.37/oiss_qa_cr - Users must be signing to the system as "Admin". - User screen should be opens.
Remarks	

TEST STEPS				
ID Steps	Steps	Expected Result	Pass / Fail	Evidence / Attachment
11.1	<ul style="list-style-type: none"> Positive test: Open User screen, and wait until list of existing User displayed properly. Make sure list of existing User displayed properly. 	<ul style="list-style-type: none"> List of existing User displayed properly. There is no error or warning message. 	P	Conducted on 11-6-2017 
Remarks				

Test Case #12 : Create User

TEST STEPS				
ID Steps	Steps	Expected Result	Pass / Fail	Evidence / Attachment
12.1	<u>Positive test:</u> <ul style="list-style-type: none"> On the user list screen, click [add] button. After "add new" screen opens, fill out a data user in the add new screen Mandatory field should be filled. Select some role to be pinned on the User, by input role field. User can pin to more than 1 role. Click [submit] button 	<ul style="list-style-type: none"> Return back to the user list screen and displayed notification in the screen. Data will be stored into the database system, and will be added to the user list. 	P	
12.2	<u>Positive test:</u> <ul style="list-style-type: none"> On the user list screen, click [add] button. After "add new" screen opens, fill out a data user in the add new screen Mandatory field should be filled. Input any string to role field. Any string should not registered as existing role Click [submit] button 	<ul style="list-style-type: none"> Role field will be empty Return back to the user list screen and displayed notification in the screen. Data will be stored into the database system, and will be added to the user list. 	P	

12.3	<p><u>Positive test:</u></p> <ul style="list-style-type: none"> On the user list screen, click [add] button. After "add new" screen opens, fill out a data user in the add new screen Mandatory field should be filled. Leave empty role field Click [submit] button 	<ul style="list-style-type: none"> Role field will be empty Return back to the user list screen and displayed notification in the screen. Data will be stored into the database system, and will be added to the user list. 	P		<p>F</p> <p>Re-test on 8-6-2015 by Denik</p> <p>Still can add new user even though there is existing user (duplicate)</p>
12.4	<p><u>Negative test:</u></p> <ul style="list-style-type: none"> In the "add new" screen, fill out a user data with existing data. 	<ul style="list-style-type: none"> Displayed alert message in the screen, and notified that the user account is already exist. 			(PASS)

Test Case #13 : Update User

Pre-Condition

- Open a web application using internet explorer 9.0 or higher. Url = http://10.1.1.37/o1ss_ga_cr
- Users must be signing to the system as "Admin".
- User screen should be opens.

Remarks

TEST STEPS				
ID Steps	Steps	Expected Result	Pass / Fail	Evidence / Attachment
13.1	<p><u>Positive test:</u></p> <ul style="list-style-type: none"> Please select which record that will be edited, by using click [edit] button on the user list screen. Edit existing data in the edit screen. Mandatory field should be filled. Select some role to be pinned on the User, by input role field. User can pin to more than 1 role. Click [save changes] button 	<ul style="list-style-type: none"> Return back to the user list screen and displayed notification in the screen. Data will be updated into the database system, and automatically refresh the user list. 	P	
13.2	<p><u>Positive test:</u></p> <ul style="list-style-type: none"> Please select which record that will be edited, by using click [edit] button on the user list screen. Edit existing data in the edit screen. Mandatory field should be filled. Input any string to role field. Any string should not 	<ul style="list-style-type: none"> Role field will be empty Return back to the user list screen and displayed notification in the screen. Data will be updated into the database system, and automatically refresh the user list. 	P	

	<ul style="list-style-type: none"> • registered as existing role • Click [save changes] button 	<ul style="list-style-type: none"> • Positive test: • Please select which record that will be edited, by using click [edit] button on the user list screen. • Edit existing data in the edit screen. • Mandatory field should be filled. • Leave empty role field • Click [save changes] button 	<ul style="list-style-type: none"> • Role field will be empty • Return back to the user list screen and displayed notification in the screen. • Data will be updated into the database system, and automatically refresh the user list. 	P		
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Test Case #14 : View Detail of User

Pre-Condition	<ul style="list-style-type: none"> - Open a web application using internet explorer 9.0 or higher. Url = http://10.1.1.37/o1ss_qa_cr - Users must be signing to the system as "Admin". - User screen should be opens.
Remarks	

TEST STEPS

ID Steps	Steps	Expected Result	Pass / Fail	Evidence / Attachment	Comment / Remarks
14.1	<p>Positive test:</p> <ul style="list-style-type: none"> • Please select which record that will be viewed, by using click [view] button on the user list screen. • Ensure that the data is display on the view detail screen properly. 	<ul style="list-style-type: none"> • View detail screen will be opens and data will be displayed on the screen. 	P		

Test Case #15 : Deactivate User

Pre-Condition	<ul style="list-style-type: none"> - Open a web application using internet explorer 9.0 or higher. Url = http://10.1.1.37/o1ss_qa_cr - Users must be signing to the system as "Admin". - User screen should be opens.
Remarks	

TEST STEPS

ID Steps	Steps	Expected Result	Pass / Fail	Evidence / Attachment	Comment / Remarks
15.1	<p><u>Positive test:</u></p> <ul style="list-style-type: none"> Please select which record that will be viewed, by using click [view] button on the user list screen. Make sure selected active user not related to active role Ensure that the data is display on the view detail screen properly. Verify a status that you want to changed. Click "deactivate" button. 	<ul style="list-style-type: none"> User become inactive Return back to the user list screen and displayed notification in the screen. Data will be updated into the database system, and automatically refresh the user list. 	P		
15.2	<p><u>Positive test:</u></p> <ul style="list-style-type: none"> Please select which record that will be viewed, by using click [view] button on the user list screen. Make sure selected active user already related to active role Ensure that the data is display on the view detail screen properly. Verify a status that you want to changed. Click "deactivate" button. Confirmation dialog will be displayed because User will deactivate user which already related to active role. Click "Yes" button. 	<ul style="list-style-type: none"> User become inactive Return back to the user list screen and displayed notification in the screen. Data will be updated into the database system, and automatically refresh the user list. This user not related to any role anymore 	P		
15.3	<p><u>Positive test:</u></p> <ul style="list-style-type: none"> Please select which record that will be viewed, by using click [view] button on the user list screen. Make sure selected active user already related to active role Ensure that the data is display on the view detail screen properly. Verify a status that you want to changed. Click "deactivate" button. Confirmation dialog will be displayed because User will deactivate user which already related to active role. Click "No" button. 	<ul style="list-style-type: none"> When "No" button was clicked, System will cancel set to draft process User still active Return back to the user list screen and displayed notification in the screen. Data will be updated into the database system, and automatically refresh the user list. 	P		

Test Case #16 : Set to Draft User

TEST STEPS					
ID Steps	Steps	Expected Result	Pass / Fail	Evidence / Attachment	Comment / Remarks
16.1	<u>Positive test:</u> <ul style="list-style-type: none"> Please select which record that will be viewed, by using click [view] button on the user list screen. Make sure selected active user not related to active role Ensure that the data is display on the view detail screen properly. Verify a status that you want to changed. Click "set to draft" button. 	<ul style="list-style-type: none"> User become draft Return back to the user list screen and displayed notification in the screen. Data will be updated into the database system, and automatically refresh the user list. 	P	P	
16.2	<u>Positive test:</u> <ul style="list-style-type: none"> Please select which record that will be viewed, by using click [view] button on the user list screen. Make sure selected active user already related to active role Ensure that the data is display on the view detail screen properly. Verify a status that you want to changed. Click "set to draft" button. Confirmation dialog will be displayed because User will set to draft user which already related to active role. Click "Yes" button. 	<ul style="list-style-type: none"> User become draft Return back to the user list screen and displayed notification in the screen. Data will be updated into the database system, and automatically refresh the user list. This user not related to any role anymore 	P	P	
16.3	<u>Positive test:</u> <ul style="list-style-type: none"> Please select which record that will be viewed, by using click [view] button on the user list screen. Make sure selected active user already related to active role Ensure that the data is display on the view detail 	<ul style="list-style-type: none"> When "No" button was clicked, System will cancel set to draft process User still active Return back to the user list screen and displayed notification in the screen. 	P		

	<ul style="list-style-type: none"> screen properly. Verify a status that you want to changed. Click "set to draft" button. Confirmation dialog will be displayed because User will set to draft user which already related to active role. 	<ul style="list-style-type: none"> Data will be updated into the database system, and automatically refresh the user list. 	
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4) Implementation

Test Case #17 : Authorized User

Pre-Condition	<ul style="list-style-type: none"> Open a web application using internet explorer 9.0 or higher. Url = http://10.1.1.37/oiss_qa_cr Users must be signing to the system as "User". Users already have some permission (must be assigned in previous step).
Remarks	

TEST STEPS

ID Steps	Steps	Expected Result	Pass / Fail	Evidence / Attachment	Comment / Remarks
17.1	<ul style="list-style-type: none"> Positive test: Please remind the permission that have been granted Login to system Access all function that have been granted (one by one function). 	<ul style="list-style-type: none"> User can access all function that have been granted 	P	<p>1. Please make simple and review about authorization</p> <p>2. Check box should be disable after active in role screen (Done)</p>	

Test Case #18 : Unauthorized User

Pre-Condition	<ul style="list-style-type: none"> Open a web application using internet explorer 9.0 or higher. Url = http://10.1.1.37/oiss_qa_cr Users must be signing to the system as "User". Users doesn't have any permission (must be set in previous step).
Remarks	

TEST STEPS					
ID Steps	Steps	Expected Result	Pass / Fail	Evidence / Attachment	Comment / Remarks
18.1	<p>Positive test:</p> <ul style="list-style-type: none"> • Please remind the permission that have been granted (in this case User doesn't have any permission) • Login to system • User can't access any function 	<ul style="list-style-type: none"> • User can't access any function 	✗		

REVISION (BUG FIXING) TESTING RESULT

ID Test	Priority	Assigned Revision To	Closed Date (Target)	Closed Date (Actual)	Tested by	Status	Remarks
3.1		ACHMAD FARSHANI	5-6-2015		DENL F 8-6-2015	PASS	
3.2		ACHMAD FARSHANI	5-6-2015		DENL F 8-6-2015	PASS	
3.4		ACHMAD FARSHANI	5-6-2015		DENL F 8-6-2015	PASS	
3.5		ACHMAD FARSHANI	5-6-2015		DENL F 8-6-2015	PASS	
4.1		ACHMAD FARSHANI	5-6-2015		DENL F 8-6-2015	PASS	
4.2		ACHMAD FARSHANI	5-6-2015		DENL F 8-6-2015	PASS	
4.3		ACHMAD FARSHANI	5-6-2015		DENL F 8-6-2015	PASS	
6.1		ACHMAD FARSHANI	5-6-2015		DENL F 8-6-2015	PASS	
6.3		ACHMAD FARSHANI	5-6-2015		DENL F 8-6-2015	PASS	
12.4		ACHMAD FARSHANI	5-6-2015		DENL F 8-6-2015	PASS	

COMMENTS:

Final Test Status: Pass Fail

Authorized by,



DENI PU SWANTI



MUTU HULIS BRAMINA

Date :

18/6/15

Acknowledged by: