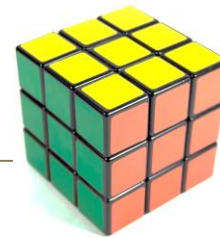




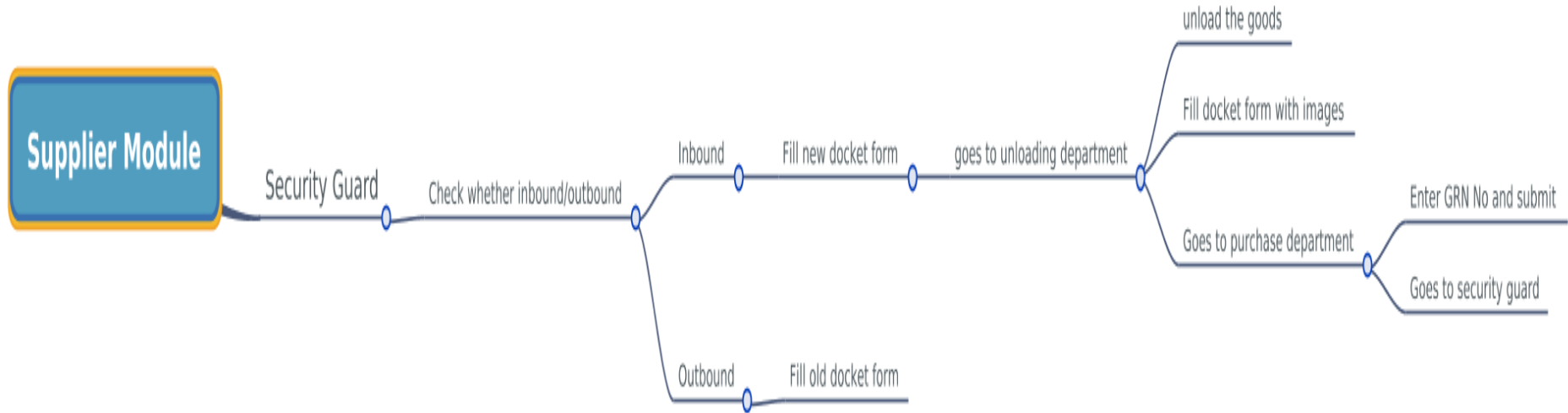
Digilysi

Bericap VLS – Incoming Material Unloading Module

Jan 2019



Mindmap





Initially security guard will fill the docket form with supplier details and save it.



Docket form will go to stores / unloading department, they will verify the details and click images for unloading



After saving docket form will be seen by Stores department to enter GRN NO. and save it (optional step.. Can be done later also).



At last docket form will go to security department to verify all details and will fill vehicle inspection form for inbound vehicle



Security guard docket process

- Initially at the gate security guard will fill the supplier docket form which will be like below

- Initially the guard will select whether the docket has to be created for Material Incoming or Dispatch.
- If the Material is Incoming then new docket form will be shown else existing form will be used for Dispatch.

Initially user will select either Inbound/ Outbound radio button. Based on that the other fields will get enable. If user select Inbound button then user will see the new docket form as design beside, else if user select Outbound button he will see current docket form as per system.



Supplier Name and Code need to be combined (show code in bracket). The field has to be Type Assist coming from Supplier master


The supplier location is by default the Address1 from master. User can change to any other (Address 2 or Address 3)

For assign bay values come from Bay master basis Loading or Unloading (for Loading, show bays with type "Loading" and "Both")

Docket Form

Bay Type ☒ Incoming ☐ Dispatch

Truck No  Driver Name 

Transporter Vendor Name & code 


Vendor Invoice No Vendor Location

Vehicle Type Load Type

Vehicle Inspection Sheet

Sr No	Checklist description	Answer	Remark

Remark



Data Dictionary



Property	Controller	Data Type	Example	Validations
BayType*	Select	Text	Incoming/dispatch	--
Truck No*	FreeText	Text	MH-12,D-01245	No Spaces allowed
Driver Name*	FreeText	Text	Prakash Patil	Text, no numbers
Transporter*	FreeText	Text	Patil Transport	Text, no numbers
Vendor name& code*	TypeAssist (Select)	Text	Prakash patil(023)	Text
Vendor invoice no	FreeText	Text	11231	Text
Vendor location*	Select	Text	Mumbai	Filter based n selected Vendor
Vehicle Type*	Select (Hardcoded)	Text	Truck	--
Load Type*	Select (Hardcoded)	Text	Fully loaded	--
Remark	FreeText	Text	Test	--

Verification towards Unloading Department



- Once security guard fills the docket form it will be transfer to Unloading department.
- Unloading department will login from android app and check latest dockets and open it.
- After verification material will be unloaded in warehouse.
- While unloading dept member will check all details and capture any 2 image for unloading and submit the form. This is not mandatory

Unloading dashboard



- There will be new login for unloading members.
- After login that member will see the docket listing for Active & Recent Dockets.
- The Recent Dockets will be in brown colour and User can click on them to view details of earlier dockets.
- The Active dockets need to be actioned on by clicking on them. The users can update data on them and submit.

There will be new login for Inbound Vehicle Unloading person. He'll see only Inbound dockets.

The image shows a smartphone screen with the following layout:

- At the top, a status bar shows signal strength, Wi-Fi, and the time 11:58.
- Below the status bar is a green header bar with the text "Active Dockets".
- Under the "Active Dockets" header is a white box containing the following text:
Docket created date:
Docket created time:
Docket No:
Vendor name:
vendor destination:
- Below this box is another green header bar with the text "Recent Dockets".
- Under the "Recent Dockets" header are three white boxes, each containing the same text as the one under "Active Dockets":
Docket created date:
Docket created time:
Docket No:
Vendor name:
vendor destination:

Data Dictionary



Property	Controller	Data Type	Example	Validations
Docket create Date	Date	Date	11/01/2019	Date
Docket created time	Text	Date	11:20PM	Time
Docket No.	Text	Int	12312	Number
Vendor Name	Text	Text	Prakash Patil	Text
Vendor Destination	Text	Text	Mumbai	Text

Other Points

Unloading docket form



- After opening the Active docket form user will capture images for pre-Unloading and post-Unloading.
- Unloading person will select one status either Accepted, Partially-rejected or Fully-rejected.
- If user select partially rejected or fully rejected then he will have to mention the rejection description and particular invoice no, else that grid will be hidden.

When it comes to unloading department all the data will be prefilled except GRN No, Images And remark of unloading person.

GRN No will not be mandatory to anybody

Images will also be not mandatory



User need to select status among one (Accepted / partly-rejected/ Fully-rejected) from status dropdown


If user selects reject as status then user will have to provide rejection description and invoice No. else that grid will be hidden.

Docket Form

GRN No

Docket No Bay Type ☒ Incoming ☐ Dispatch

Truck No  Driver Name 

Driver contact No Vendor Name & code 


Vendor Invoice No Vendor Location


Vehicle Type Load Type

Assign Bay Transporter


Status


Rejection description	Invoice No.
Material not good	12012

Pre-UnLoading 

Post-UnLoading 

Sr No	Checklist description	Answer	Remark

Security Remark 

Unloader Remark 

Data Dictionary



Property	Controller	Data Type	Example	Validations
Sr. No.	Number	Int	01	Number
GRN No	Number	Int	1111	Number
Docket No	Number	Int	1231	Number
Vendor Name	Text	Text	Abc	Text
Vendor Desc.	Text	Text	Prakash Patil	Text
Transport	Text	Text	Patil Transport	Text
Truck No.	Text	Text	MH-12, D-1234	Text
In time	Number	Int	11:20	Time
Status	Text	Text	Accepted/Rejected	Text
Location	Text	Text	Mumbai	Text
Driver Mobile No.	Number	Int	1234567890	Number
Vehicle inspection.	Text	Text		
Bay Type	Text	Text	Inbound/outbound	Text



Stores + Security Team

- Once unloading person save the docket form after uploading the images it will go to Stores team.
- They can insert GRN Number as generated from SAP system. This can be done at anytime (not mandatory step in workflow)
- The docket form will also go to security guard in parallel.
- Then security guard will verify the details and fill vehicle inspection sheet for truck going out.



- [illegible]

There will 4 status for status column.

Data Dictionary



Property	Controller	Data Type	Example	Other
Sr. No.	Number	Int	01	Number
Docket No	Number	Int	01231	Number
Vendor Name	Text	Text	Prakash patil	text
Vendor Description	Text	Text	Prakash patil vendor	Text
Transport	Text	Text	Patil transport	Text
GRN No.	Number	Int	0111	Number
Truck No.	Number	Int	MH23 D1234	Text
In time	Number	Int	12:12	Time
Status	Text	Text	Active	Text
Location	Text	Text	Mumbai	Text
Driver Mobile No.	Number	Int	123123123123	Number
Driver Decl.	Text	Text	Abcd	Text
Remark	Text	Text	Accepted	Text



Verification of unloaded vehicle from security

- Security guard will get docket form in such manner where all the data will be prefilled.
- He will only check and tick the checkbox for “Vehicle Cleared to Exit” and save the docket.
- The form will look like this-

All the data will be prefilled


When vehicle is going to leave the premises at that time security guard will have to check the "Ready to leave" checkbox and save the docket

Suppose if the status is partially rejected then new grid will be displayed with rejection description and invoice no. else it will be hidden.

Docket Form

GRN No

Docket No


Truck No 


Driver contact No

Vendor Invoice No


Vehicle Type


Status

Pre-UnLoading 

Post-UnLoading 

Bay Type ☒ Inbound ☐ Outbound

Driver Name 

Vendor Name & code 


Vendor Location


Load Type

Transporter

☒ Vehicle clear to go

Sr No	Checklist description	Answer	Remark

Security Remark 

Unloader Remark 



Data Dictionary









Property	Controller	Data Type	Example	Validations
GRN No	Int	Int	12312	Number
Docket No	Int	Int	1231	Number
Bay Type	Text	Text	Inbound/outbound	Text
Truck No.	Text	Text	MH-12,D-1231	Text
Driver Name	Text	Text	Prakash Patil	Text
Driver Contact No	Int	Int	1234567890	Number
Vendor Name	Text	Text	Prakash Patil(0123)	Text
Vendor invoice No.	Text	Text	(123,321,333,314)	Text
Vendor Location	Text	Text	Mumbai	Text
Vehicle Type	Text	Text	Truck/Trailer	Text
Load type	Text	Text	Fully loaded/partially loaded	Text
Status	Text	Text	Accepted/rejected	Text
Transporter	Text	Text	Patil Transport	Text
Pre-unloading image	Image	Image		
Post-unloading image	Image	Image		
Vehicle status	Boolean	Yes/No	Yes	Text

Supplier master



- When any new supplier need to get register we will insert his record in supplier master as shown below.
- Only Supplier Code and Name are mandatory

Supplier Master

Supplier Code		<input type="text"/>	Supplier Name		<input type="text"/>	Contact Person		<input type="text"/>
Address 1		<input type="text"/>	Address 2		<input type="text"/>	Address 3		<input type="text"/>
Contact No		<input type="text"/>	Email address		<input type="text"/>	Active	<input type="radio"/> Yes	<input type="radio"/> No

Data Dictionary




Property	Controller	Data Type	Example	Validations
Supplier Code*	Number	Int	01221	Number
Supplier Name*	Text	Text	Prakash Patil	Text
Contact Person*	Text	Text	Prakash Patil	Text
Address1*	Text	Text	Dadar, Mumbai	Text
Address2	Text	Text	Dadar, Mumbai	Text
Address3	Text	Text	Dadar, Mumbai	Text
Contact No	Number	Int	12312312313	Number
Email id	Text	Text	abc@gmail.com	Email format
Status	Int	Int	active	Text



Vehicle Inspection sheet



- One new field is added in vehicle inspection sheet i.e. Applicability(Incoming / Dispatch)
- It will look like this-

Vehicle Inspection sheet

Inspection Sheet Name 

Active ☐ Yes ☐ No

Applicability ☐ Inbound ☐ Outbound

Sr No	Inspection sheet name	Edit	Delete
01	License insurance		

Showing 1 to 10 of 18 entries

Data Dictionary



Property	Controller	Data Type	Example	Other
Inspection sheet Name	Text	Text		
Status	Text	Text		
Applicability	Text	Text		

Decoding the requirement

Expectations from Bericap



Loading Bay Infra.; Access to SME's & current SAP solution, internal coordination, infrastructure for training

- At Loading Bays:
 - Identify personnel for Inward unloading and VLS process execution
 - Provide additional Android Tab / Phone with version 7 or above at Un-Loading bay
- Provide requisite access to existing applications, templates and process SME's
- Provide a single point of contact who will coordinate with internal stakeholders for requirements finalization, Deliverable sign-off, UAT and deployment
- Ensure safekeep and ongoing maintenance of hardware deployed
- Provide sample data sets for development & testing; and will provide the master data for initial load during go-live while working with Digilysi team to upload the same
- Assist in the final Deployment on Bericap Infrastructure
- Ensure key resource availability as per finalized schedule
- Provide timely sign-off (within 3 working days) on all deliverables / documents

Proposed Timeline



Plan

Activity	Wk 0	Wk 1	Wk 2	Wk 3	Wk 4	Wk 5	Wk 6	Wk 7	Wk 8	Wk 9	Wk 10
Project awarded											
Resource Allocation & Project Planning											
System Design											
Solution Development											
Acceptance Testing & Sign-off											
User training & Go-Live											
Warranty Support (3 months)											
Application Support (Ongoing)											

Notes

- The Digilysi team will primarily work from offshore (own office) except for the Design Workshop, Training and UAT phases
- Warranty Support will be provided from offshore with the Digilysi team being available on-call basis. The scope will be to address bugs with deployed solution (if any)
- Training: The Digilysi team will train the identified users of each role who will then assist in training the balance users, if Any. Digilysi will provide role based training manuals
- Digilysi expects sign-off for various deliverables from Bericap within 2-3 working days. Any delay could impact the project timeline