visibility
intelligence
value

Supply Chain and WMS

Domino's

User Manual

This user's guide includes the information you need to work with the designed application. It contains detailed information about how the application will work.

Prepared By: Omkar Gaonkar

Version Number: V1.0

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Revision History

Revision Number	Date	Prepared By	Reviewed By	Comment
1.0	17-04-2023	Omkar Gaonkar	Prateeksha Deepika S Ankit Mathur	User guide for Device Application (migration) of WMS & Supply Chain for Domino’s

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1 GETTING STARTED WITH APPLICATION

1.1 INTRODUCTION

The Supply Chain and WMS application helps user to manage their warehouse operations.

The application helps user to get material details on the basis of TO No. (Transfer Order Number) at the time of performing Put away, Internal Movement and Picking. User can also perform Stock Take as when required in order to compare/verify the stock stated in the system with the stock available in the inventory.

The document lays down the step by step process of application to provide clear understanding of the application to End Users.

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1.2 Pre- Requisite for Application Working

1. **Device Application**
   a. MC3300 and MC9300 Calibration should have been completed.
   b. MC9300 will be used where items are there in chillers
   c. Application should be installed on Device.
2. **Communication Server:**
   a. Communication Server should be installed on server for Device and Database connection.

1.3 Starting or Logging on the Application

1. **Device Application**

- To start device application, install the application on the device and click on application icon on device's home screen.

2. **Communication Server**

- To start communication server application, install the application on server and click on application icon.
- Communication Server should also be running in backend while using the application.

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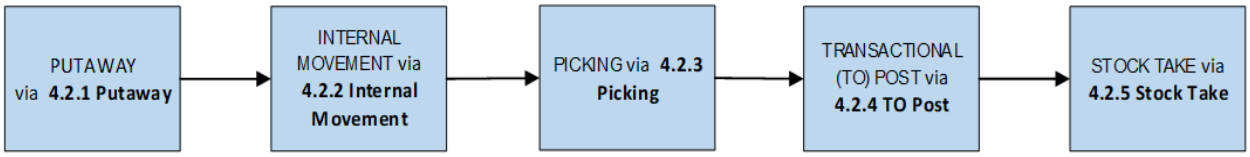
2 Application Overview & Working

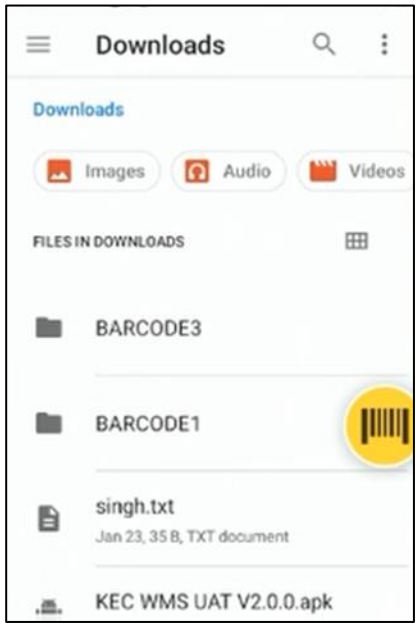


3 Application Installation Process

3.1 Download APK file and Installation Process

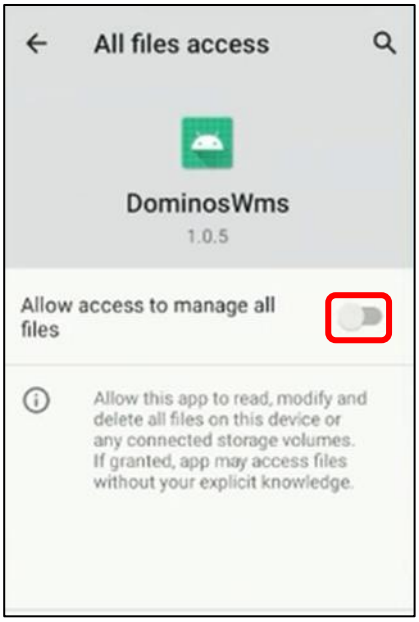
To use this application, you need to install the APK file on your device. Make sure the downloaded apk file is available on your device before using the application. Follow these steps to install the APK file:

1. Download the apk file onto your device.

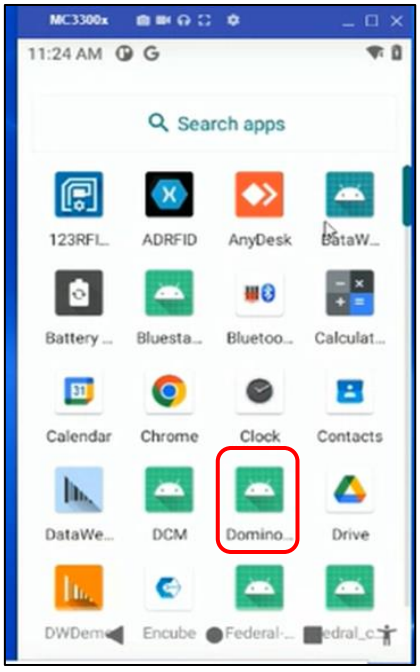


2. Create a new folder named "Dominos" and move the downloaded file into it.
3. Paste the file into the Domino folder.

4. Double-click on the apk file to launch the application.
5. Allow the application permission through settings.



6. Install the application on your device.
7. Once the Installation is successful the app gets displayed in device.

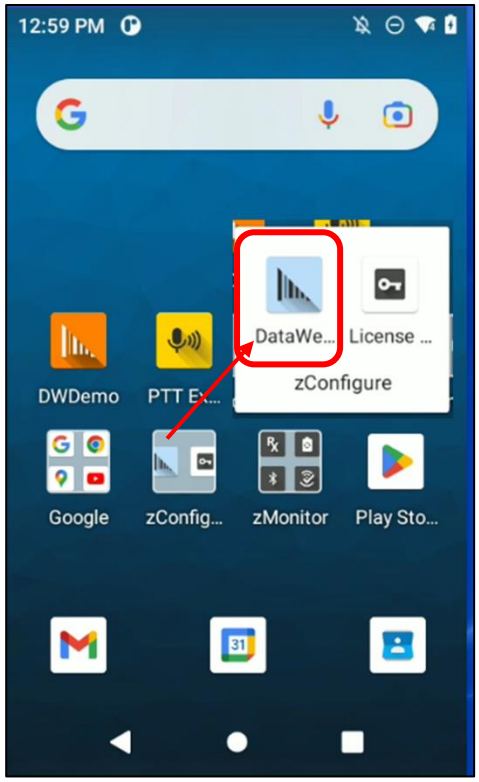


3.2 Additional Settings in Zebra Device

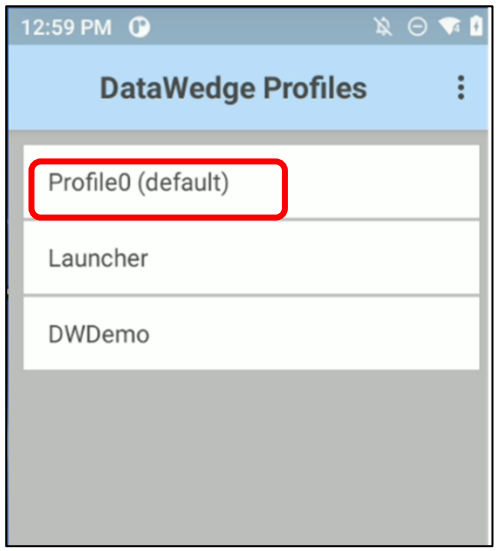
To enhance user-friendliness, certain device settings may need to be adjusted. To enable the Enter key in the device the following are the simplified steps to adjust device settings for enhanced user-friendliness:

1. Open the **Home Screen** of your Device.

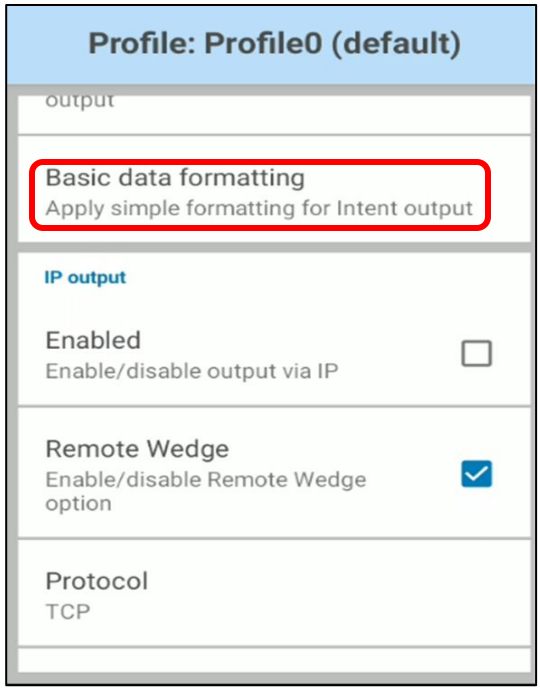
2. Tap on the **Z Configure menu** and select *Data Wedge* Profile.



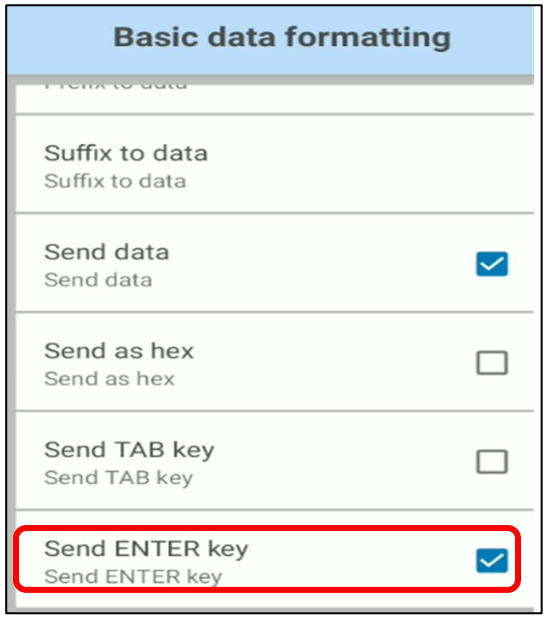
3. Choose the default **Profile (0)** option.



4. Look under *Profile (0)* and select the *Basic Data Formatting* option.



5. Turn on the **Send Enter Key** option within the Basic Data Formatting settings.

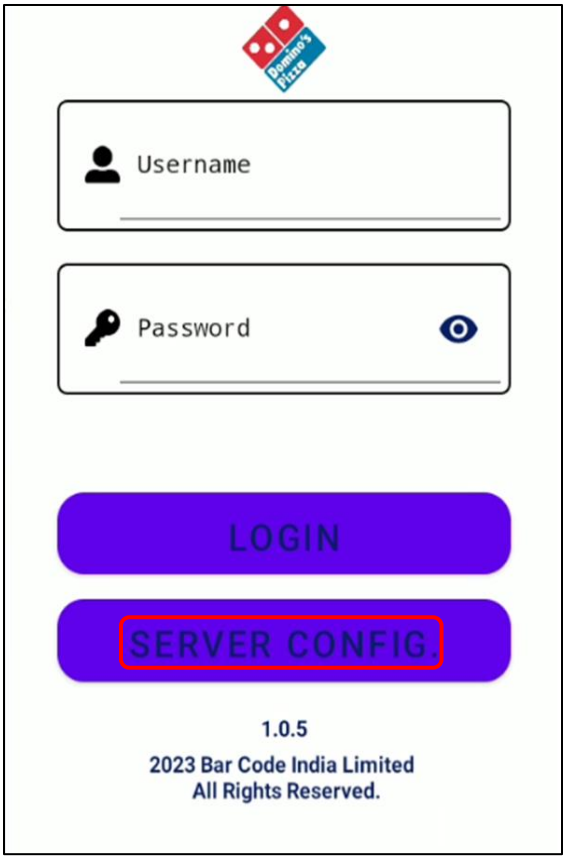


4 Application Modules

4.1 Login- Device Application

4.1.1 Device- Login

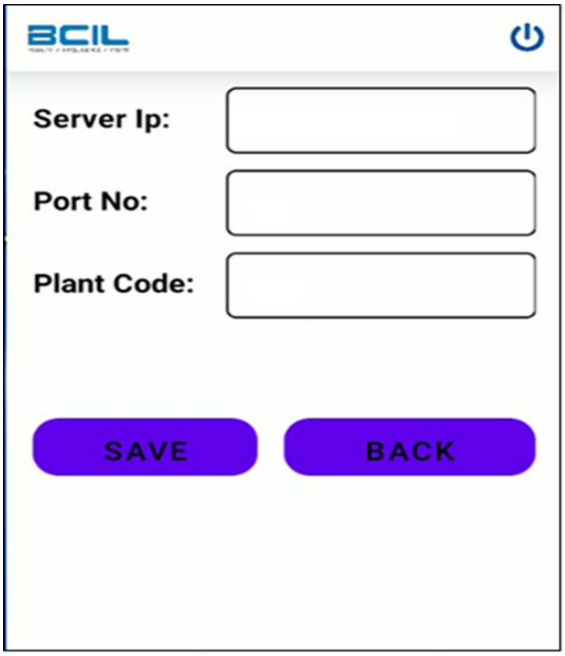
Click on the application's shortcut icon on device to run the application. A login screen will be displayed:



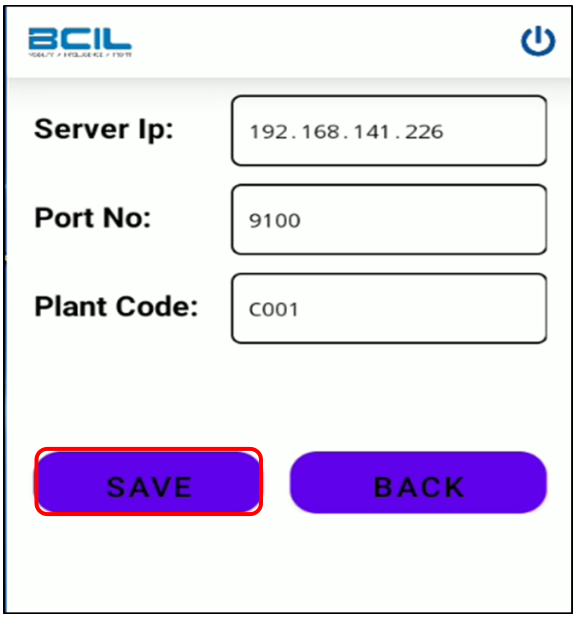
If the application is running for the first time, then click on **Server Configuration** to configure the IP Address and Port Number.

4.1.2 Application Server Configuration

The following screen is used to configure the Server IP Address, Port Number and Plant Code of the server where communication server is installed.

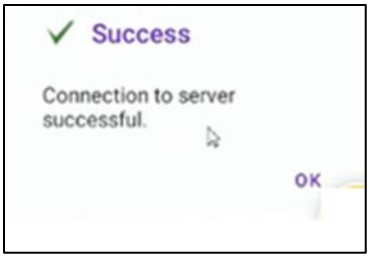


1. Enter the Communication *Server IP* Address.
2. Enter the Communication Server *Port No*.
3. Enter the *Plant Code*.



4. Click on **Save** button to save the configuration settings.

5. A success message will appear on screen if the details are saved successfully:

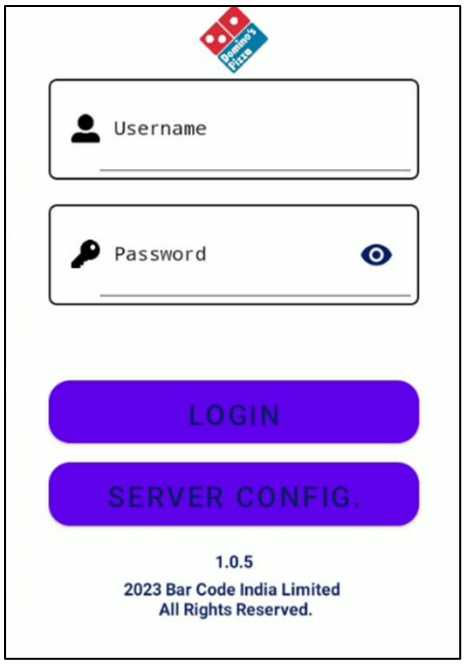


Back

1. Click on **Back** to go back to the Login Screen.

4.1.3 Login Page

Once configuration is successfully done, login to the application. This screen is used to login to the device application using authorized credentials.



1. Enter the *User Id* and *Password* in respective textfields.
2. Click on **Login** button, the system will authenticate the entered User Id and Password.

   **In case, wrong Username or Password is entered, an alert message will get displayed.*

4.1.4 DASHBOARD

The following dashboard will be displayed after successful login by user.

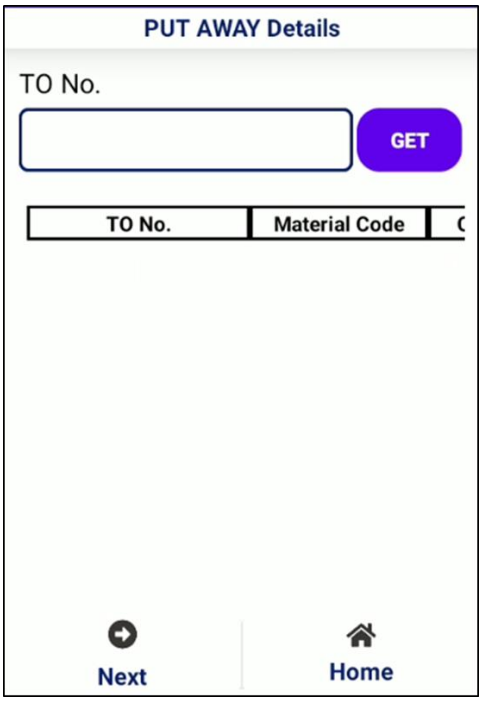
Main Menu:-

1. Putaway
2. Internal Movement
3. Picking
4. TO Post
5. Stock Take
6. Exit

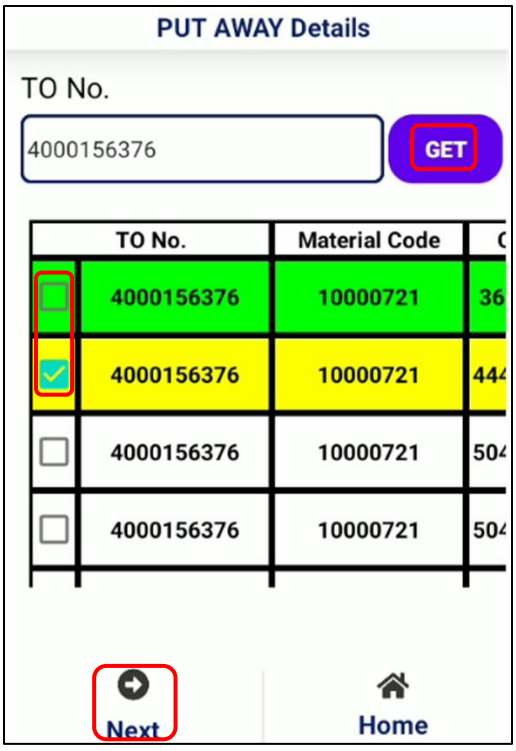
4.2 Application Menu

4.2.1 Putaway

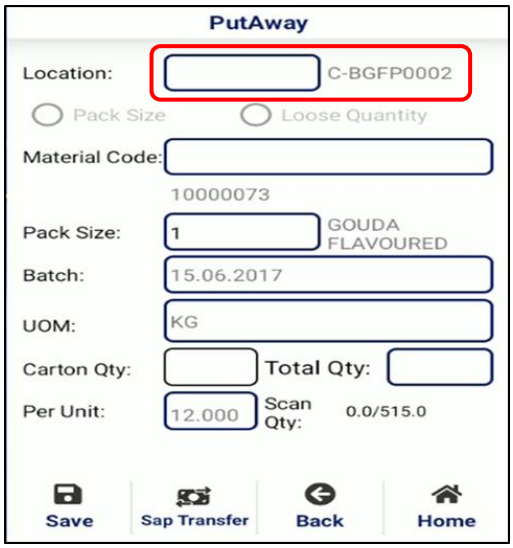
This screen will help user to scan and Put Away the material against Transfer Order Number. The TO details fetched from SAP. To view this screen, click on **Put Away** from device main menu, following screen will be displayed:



1. Enter *TO No* in the text field.
2. Click on **Get** button, material details against selected TO No. will be displayed in the grid.
3. Select the *material record* from the grid.



4. Click on **Next**, following screen will be displayed:
5. Enter/scan *Location Code* in the field.



6. Select from options i.e. *Pack Size* or *Loose Quantity*.

   By default Pack Size is selected.

a. If Pack Size is selected

i. Scan/enter the *Material Code*, corresponding details such as *Batch, UOM, Carton Quantity* etc. will be displayed.

**On selection of pack size one quantity gets material code gets updated*.

ii. Total Quantity can be calculated by the multiple of Carton Quantity, Pack Size and Per Unit Quantity. Carton Quantity is editable, whenever user change the value of Carton Quantity it will calculate the Total Quantity according to the changed value.

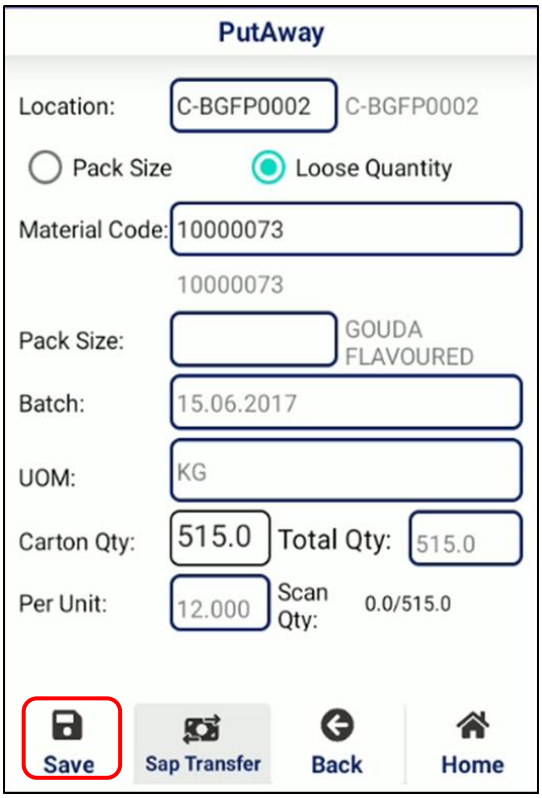
**Total Quantity equals to multiple of Carton Quantity, Pack size and Per Unit Quantity.*

b. If Loose Quantity is selected

i. Scan/enter the *Material Code*, corresponding details such as *Batch, UOM, and Carton Quantity* etc. will be displayed.

ii. The Carton Quantity will match the Total Quantity. Users can edit the Carton Quantity field and enter the full material quantity for putting away against the Transfer Order Number.

iii. Details i.e. *Per unit* and *Scan Qty* details get displayed on screen.



7. Click on **Save** button, to save the details.

8. A success message will appear on screen if the details are saved successfully.

Transfer Put Away details to SAP

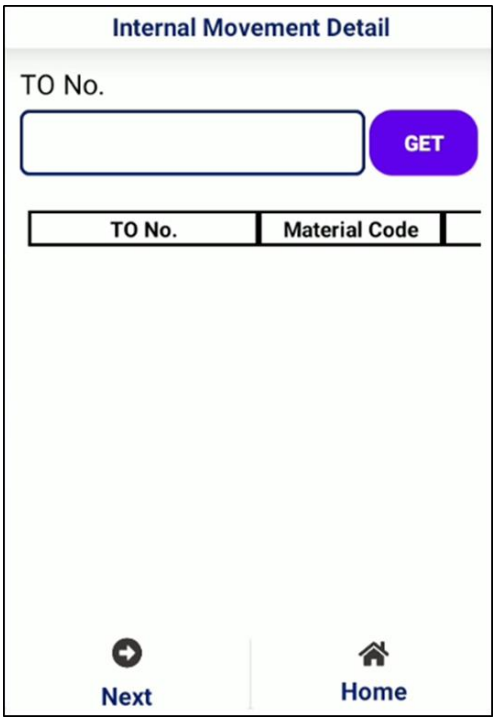
1. To transfer details against TO No. to SAP, click on **SAP Transfer** button.

Home and Back

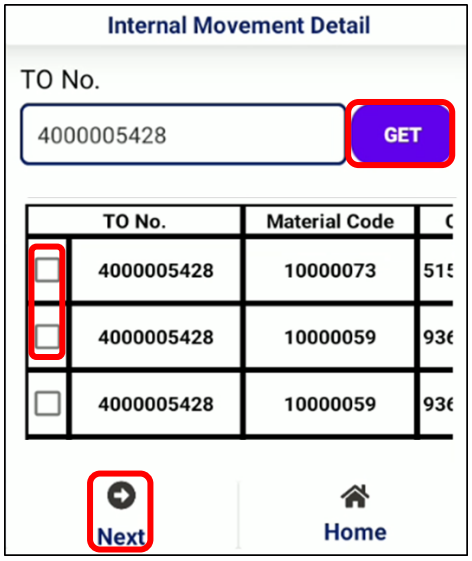
1. Click on **Home** button to go to home screen.
2. Click on **Back** button to go back to main screen.

4.2.2 Internal Movement

The screen is used for Internal Movement of material from one location to another. To view this screen, click on **Internal Movement** from device main menu, following screen will be displayed:



1. Enter *TO No* in the textfields.
2. Click on **Get**, material details against TO No. will be fetched from SAP and displayed in the grid.
3. Select the *material* record from the grid.



4. Click on **Next**, following screen will be displayed:

5. Scan/Enter the *Old Location Code* in the field
6. Enter the *Material Code* into the textfields.
7. Scan/Enter the *New Location Code* in the field.
8. Select from options i.e. *Pack Size* or *Loose Quantity*.

   By default Pack Size is selected.

   a. If Pack Size is selected

   i. Scan/enter the *Material Code* corresponding details such as *Batch, Carton Quantity* etc. will be displayed.

   ii. Total Quantity can be calculated by the multiple of Carton Quantity, Pack Size and Per Unit Quantity. Carton Quantity is editable, whenever user change the value of Carton Quantity it will calculate the Total Quantity according to the changed value.

   **Total Quantity = Carton Quantity*Pack size*Per Unit Quantity.*

   b. **If Loose Quantity is selected**

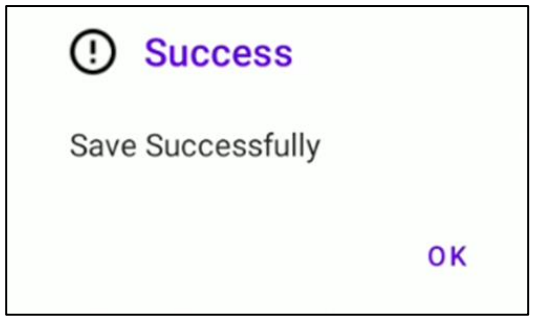
   i. Scan/enter the *Material Code* corresponding details such as *Batch, Carton Quantity* etc. will be displayed.

   ii. Carton Quantity will be equal to Total Quantity. Carton Quantity is editable, user can save to complete the Internal Movement of whole material (calculated quantity).

   iii. Details i.e. Per Unit quantity and Scan Quantity will get displayed on screen.

9. Click on **Save** button, to save the details.

10. After successfully saved the details, the message of data saved successfully appears on screen:



Transfer Put Away details to SAP

1. To transfer details against TO No. to SAP, click on **SAP Transfer** button.

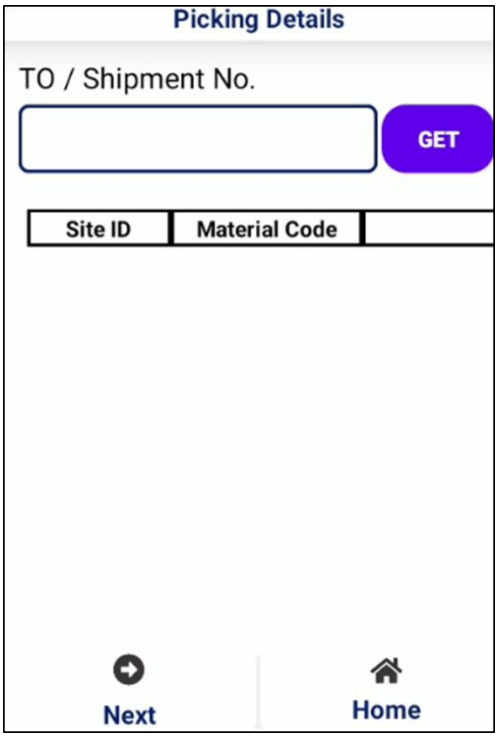
2. User gets redirected to *TO Post* details screen.

Home and Back

1. Click on **Home** button to go home screen.
2. Click on **Back** button to go back to main screen.

4.2.3 PICKING

This screen is used to pick material against TO/Shipment No. To view this screen, click on **Picking** from device main menu, following screen will be displayed:



1. Enter *TO/Shipment No* in the text field.
2. Click on **Get**, material details against TO No/Shipment No. will be fetched from SAP and displayed in the grid:
3. Select the *material* record from the grid.

4. Click on **Next**, to go on the data screen.
5. Scan/enter the *Location Code* in the text field.
6. Select from options i.e. *Pack Size or Loose Quantity* (By default Pack Size is selected).

a. Pack Size

i. Scan/enter the *Material Code* corresponding details such as *Batch, Carton Quantity* etc. will be displayed.

ii. Total Quantity can be calculated by the multiple of Carton Quantity, Pack Size and Per Unit Quantity. Carton Quantity is editable, whenever user change the value of Carton Quantity it will calculate the Total Quantity according to the changed value.

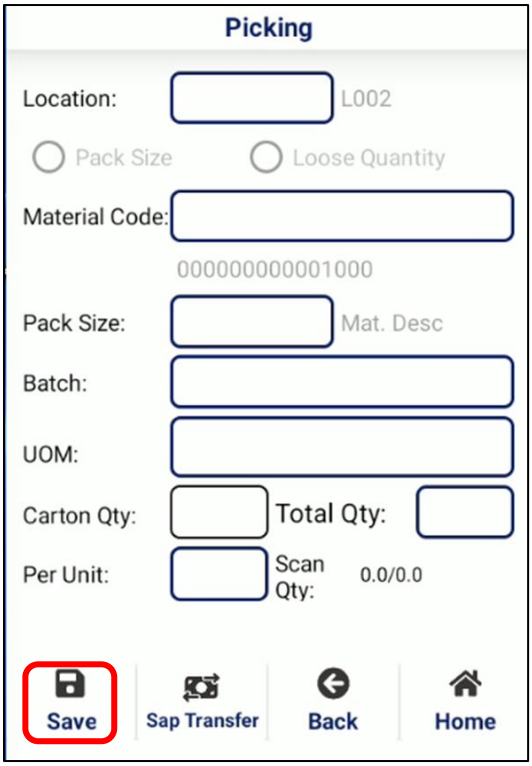
**Total Quantity = Carton Quantity*Pack size*Per Unit Quantity.*

b. Loose Quantity

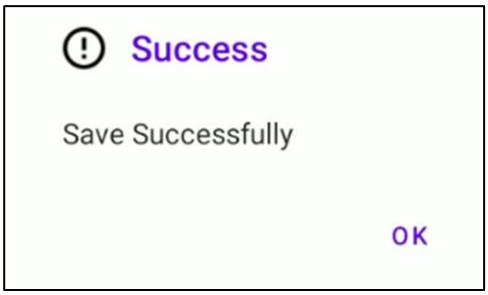
i. Scan/enter the *Material Code* corresponding details such as *Batch, Carton Quantity* etc. will be displayed.

ii. Carton Quantity will be equal to Total Quantity. Carton Quantity is editable, user can save for picking the whole material (calculated quantity) completely.

iii. Per unit and Scan Qty details get displayed on screen.

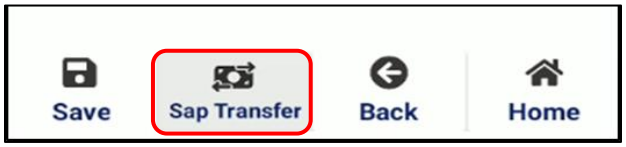


7. Click on **Save** button, to save the details.
8. Once the picking is done and details are saved successfully, a success message will be displayed on screen:



Transfer Put Away details to SAP

1. To transfer detail against TO No. to SAP, click on **SAP Transfer** button.



2. User gets redirected to *TO Post* details screen.

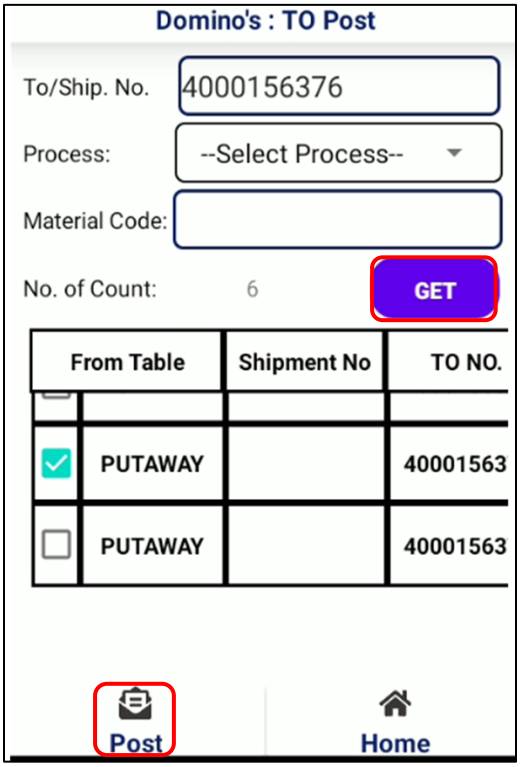
Home and Back

1. Click on **Home** button to go to home screen.
2. Click on **Back** button to go back to main screen.

4.2.4 TO Post

This screen is used to show the material details against Transfer Order/Shipment No and to send the details to SAP. To view this screen, click on **TO Post** from device main menu, following screen will be displayed:

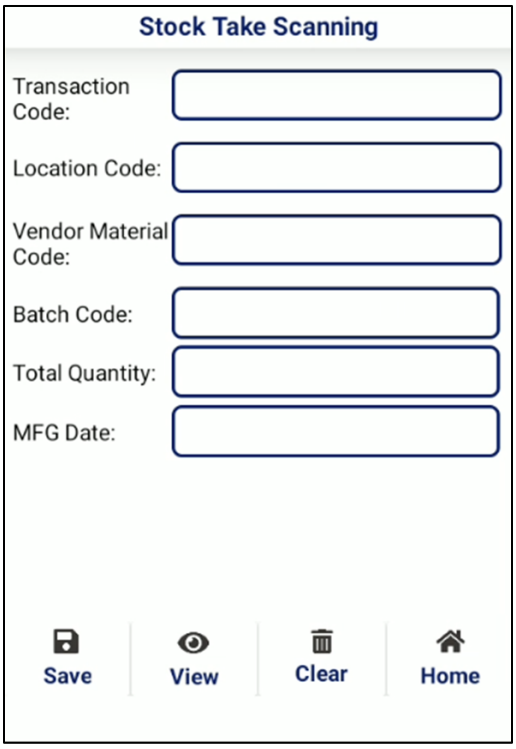
1. Enter *TO/Shipment No* in the text field.
2. Select the *Process* from dropdown list.
3. Enter the *Material Code* in the text field.
4. Click on **Get**, TO Post details will be displayed in the grid.



5. To Post details to SAP, check the corresponding checkbox of the record from the grid and click on **Post** button.
6. Click on **Home** to go to the main menu screen of device.

4.2.5 STOCK TAKE

This screen is used to scan and verify the stock stated in the system with the stock available in the inventory. To view this screen, click on **Stock Take** from device main menu, following screen will be displayed:



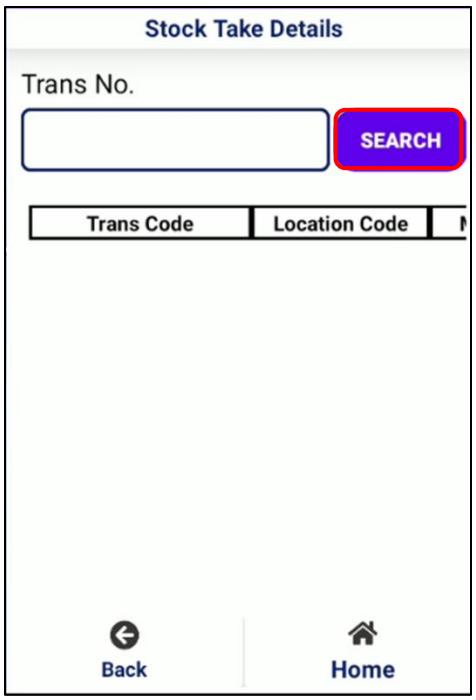
1. Enter details such as *Transaction Code, Location Code* and *Vendor Material Code* etc.
2. Enter details such as *Batch Code, Total Quantity* and *Manufacturing Date*.
3. Click on **Save** button, to save the details.
4. Once the details are saved successfully, a success message will appear on screen:
5. Click on **Clear** button, to clear all the details in the fields.

View Stock Details

1. Click on **View** button on the display.

1. Enter the *Transaction Number* in the text field.
2. Click on **Search** button, to search the details.

3. The details get displayed in the table grid.



Home and Back

1. Click on **Home** button to go to home screen.
2. Click on **Back** button to go back to main screen.

End User Manual

Dominos – Supply Chain and WMS

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