




## About Barcode Master:

Barcode masters highly used in Retail and Distribution Industry, Considering the rapidly growing importance of Barcodes in today's market, numerous Barcode Software products have been offered by software companies that claim to serve as the backbone of your business. But the Barcode Masters Software is one single-stop solution to end all your worries as it helps in controlling the instances of shoplifting and tracking items meticulously.

By using this we can print one or more than one item barcodes for the same item or multiple items at once. We can configure barcode size according to the printer. The genericlabel functionality helps the distribution business to speed up there transactions. We can print one or more then one container id/ LPN's at once. Barcode master supports 12 different types of barcodes, User can use any type for any transaction. We can configure this in the settings section. Barcode master team support customizations/Implementations/Support of the application according to the requirement.

- This is the login page of the application



## Login

UserName:	<input type="text"/>
Password:	<input type="password"/>

Login

[New User Register](#)

- If you are a new user you can register or else username & passwords will be created in the database.



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## Login

UserName:	<input type="text" value="jhon"/>
Password:	<input type="password" value="...."/>

[Login](#)

[New User Register](#)

- Enter the username & password.
- Here is the Home page.

[Barcode Masters](#) [Print Products](#) [Generic Labels](#) [Logout](#) [Help](#) [Settings](#)

### WELCOME TO BARCODE MASTERS JHON!

Barcode masters highly used in Retail and Distribution Industry, Considering the rapidly growing importance of Barcodes in today's market, numerous Barcode Software products have been offered by software companies that claim to serve as the backbone of your business. But the Barcode Masters Software is one single-stop solution to end all your worries as it helps in controlling the instances of shoplifting and tracking items meticulously.

Barcode Masters supports Code128, Code39, Interleaved 2 of 5, Codabar, EAN-8, EAN-13, UPC-A (PNG), UPC-E (Vertical), PDF417, DataMatrix, Postnet, QR and many more.

[More Details »](#)

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## Print Product:

### Printing Existing Items

- Click on Print Products

Enter Item ID to Search

Item ID:	<input type="text" value="0"/>
Number of Qty.:	<input type="text" value="0"/>

- Enter the item ID or Description of the product or barcode id in the search engine.

10210230

- The result will be appearing in blow section.

Product Id	Product Name	Product Barcode	Description	Category	Product Price	Product Qty.
10210230	Nokia		The new Nokia 6+	Mobiles	8000	50



- Click on Print option.
- Select the printer and press print button on left side.



## Printing Existing Product with bulk quantity:

- Click on Print Product on header.
- Enter item/barcode/description in the item ID field.
- Enter the No.of quantity in the below field.

Item ID:	<input type="text" value="10210230"/>
Number of Qty.:	<input type="text" value="20"/>

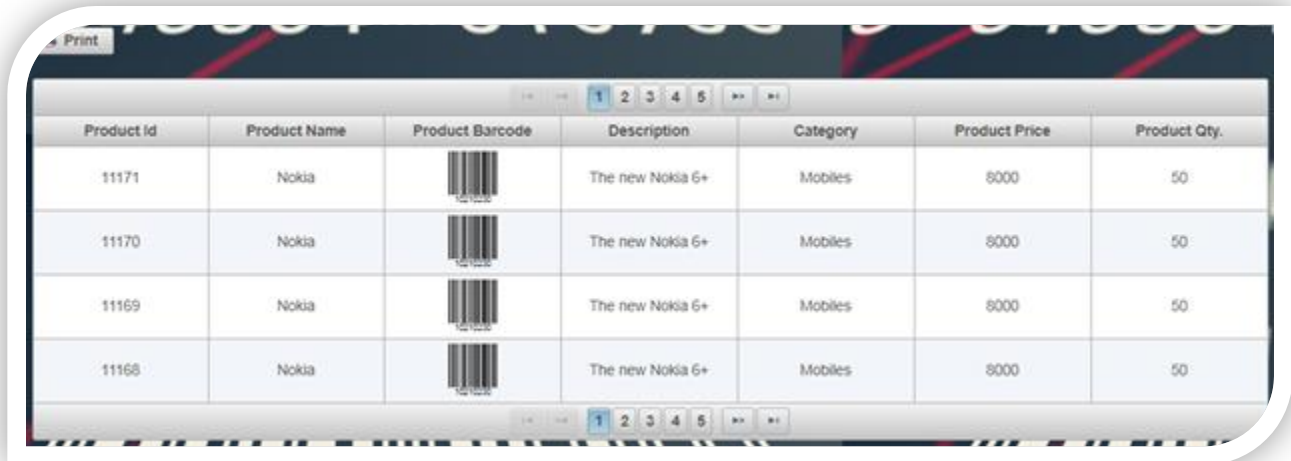
 **Print Bulk**



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- Click on Print Bulk.
- The result will be appearing in below section.
- Click on Print



The screenshot shows a web application interface with a table of product information. The table has columns for Product Id, Product Name, Product Barcode, Description, Category, Product Price, and Product Qty. There are four rows of data, all for Nokia products. A 'Print' button is visible in the top left corner of the application window.

Product Id	Product Name	Product Barcode	Description	Category	Product Price	Product Qty.
11171	Nokia		The new Nokia 6+	Mobiles	8000	50
11170	Nokia		The new Nokia 6+	Mobiles	8000	50
11169	Nokia		The new Nokia 6+	Mobiles	8000	50
11168	Nokia		The new Nokia 6+	Mobiles	8000	50

- Click on Print.



- Select the printer & click on Print.

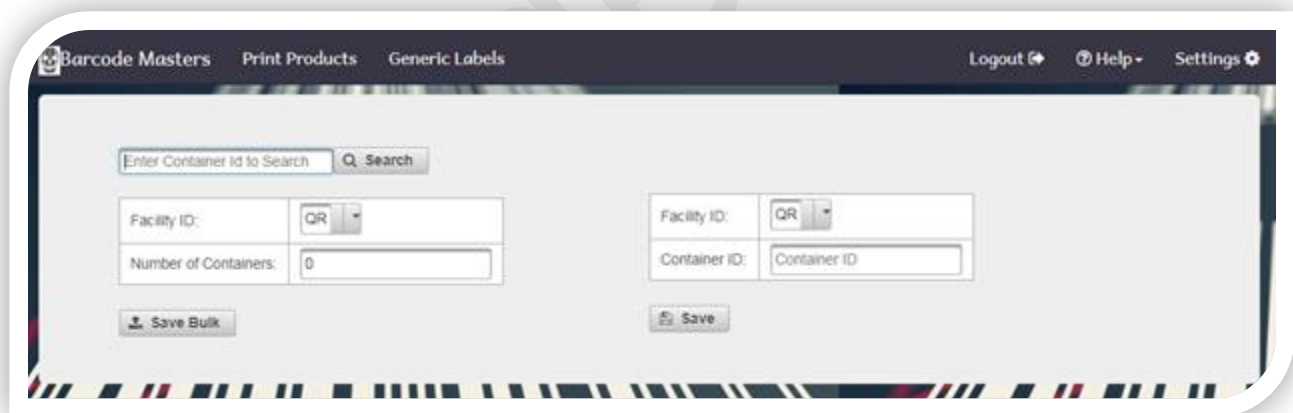


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## Searching for the Existing Container:

- Go to Generic labels:



- Searching for the existing container.



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Enter Container Id to Search


Q Search

- Enter the container ID/LPN number.

1000117

Q Search

- Click on search.
- Result will be appearing in the below section.

1			
Facility Id	Print Group Label Nbr	Container Id	Barcode
QR	53	1000117	 1000117

- Click on Print.



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A screenshot of a software window titled "Print" in the top-left corner. The window displays a large barcode on the left. Below the barcode is the number "1000117". To the right of the barcode, the text "Print Label Group Number:53" is displayed in blue. Below this text is a blue "QR" logo with a motion blur effect.

- Click on Print.
- Select the printer & click on Print.

Printing Generic containers using Bulk option:

- Go to Generic labels

A screenshot of a software form for bulk printing. It contains two input fields: "Facility ID:" with a dropdown menu showing "QR", and "Number of Containers:" with a text box containing the value "0". Below these fields is a button labeled "Save Bulk" with a small icon of a document and a checkmark.

- Enter the Number of Container quantity.





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Facility ID:




QR

Number of Containers:

3

 Save Bulk

- The Result will be appearing below section.

Facility Id	Print Group Label Nbr	Container Id	Barcode
QR	97	1000172	
QR	96	1000171	
QR	95	1000170	



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- Click on Print
- Select the printer & click on Print.

## Generating single Generic container:

- Go to Generic labels




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Facility ID:


Container ID:

 Save

- Enter the container id

Facility ID:

Container ID:

 Save

- Select the printer & click on Print.

Facility Id	Print Group Label Nbr	Container Id	Barcode
QR	98	19191939338	

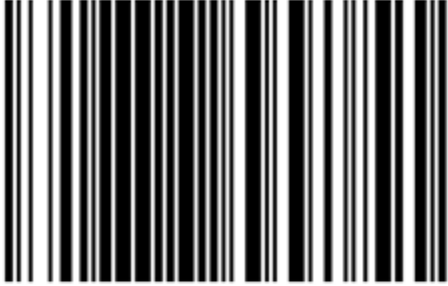
- Confirm the details & click on print.



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 Print



Print Label Group Number:98




**QR**

19191939338

- Click on Print
- Select the printer & click on Print.

## Settings:

- Go to Generic labels
- Go to settings

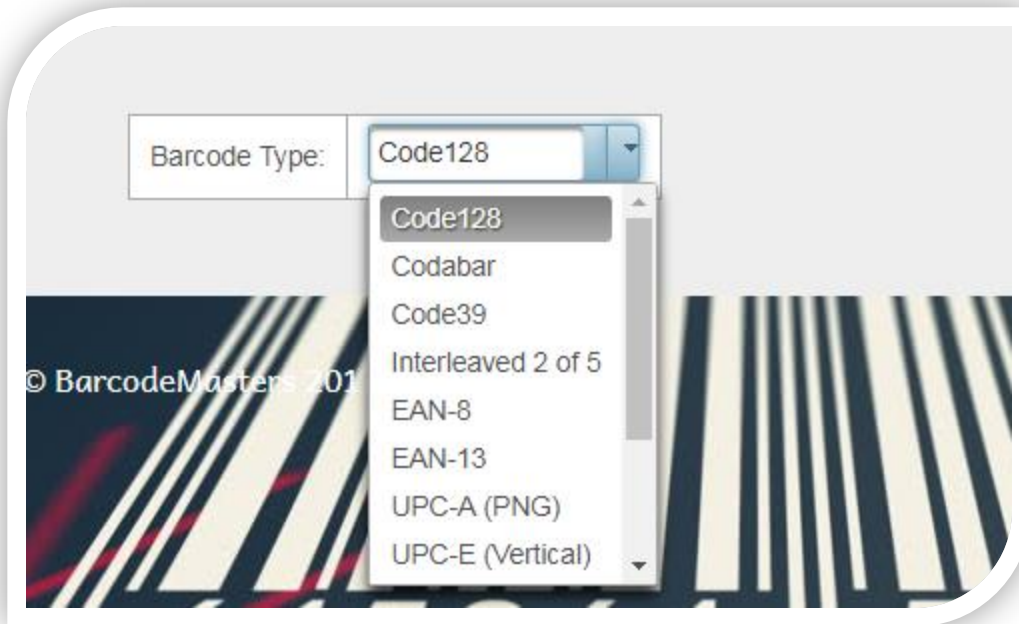
Logout   Help  Settings

- Select the Barcode type from the drop down.

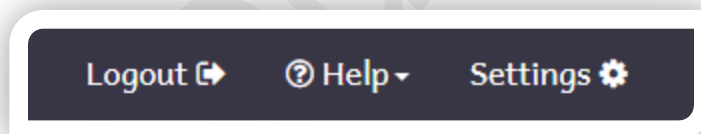
Barcode Type:



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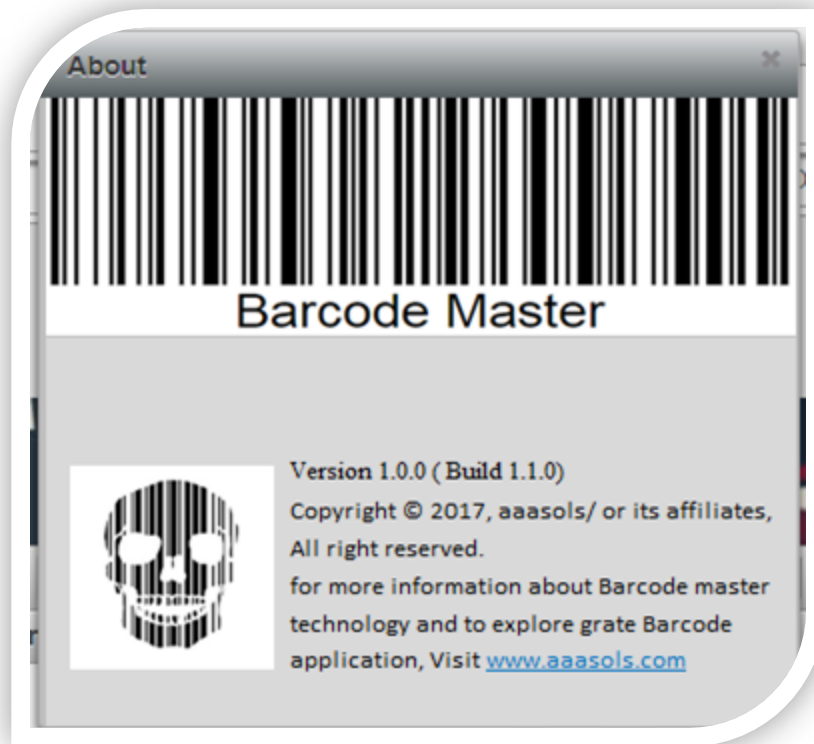
- Go to Generic labels to see the outcome.
- Click on Help.



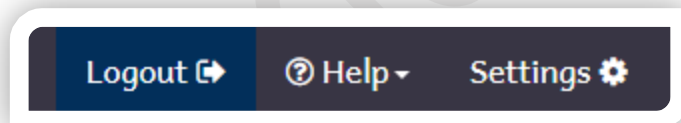
- Click on Documentation for User guide.
- Click on about to see the information related to Barcode Master.



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- Logout option will take you out from the application.



## Login

UserName:	<input type="text"/>
Password:	<input type="password"/>



## A short introduction to barcodes

- The benefits of barcodes  
Using barcodes to reduce costs, improve efficiency, and reduce errors
- Different types of barcodes Information about specific symbologies.

## Benefits of Barcodes

- Improve Operational Efficiency
- Save Time
- Reduce Errors
- Cut Costs
- Benefit from Customer or Regulatory Requirements

## Different types of barcodes:

- Codabar: Older code often used in library systems, sometimes in blood banks
- EAN-13: European Article Numbering international retail product code
- EAN-8: Compressed version of EAN code for use on small products
- Interleaved 2 of 5: Compact numeric code, widely used in industry, air cargo
- PostNet: Used by U.S. Postal Service for automated mail sorting
- UPC-A: Universal product code seen on almost all retail products in the USA and Canada
- UPC-E: Compressed version of UPC code for use on small products
- Code 128: Very capable code, excellent density, high reliability; in very wide use world-wide
- PDF417: Excellent for encoding large amounts of data
- DataMatrix: Can hold large amounts of data, especially suited for making very small codes
- Code 39: General-purpose code in very wide use world-wide
- QR Code: Used for material control and order confirmation

## How does a barcode work?

- Each character is represented by a pattern of wide and narrow bars. A barcode reader uses a photosensor to convert the barcode into an electrical signal as it moves across a barcode. The scanner then measures the relative widths of the bars and spaces, translates the different patterns back into regular characters, and sends them on to a computer or portable terminal.
- Every barcode begins with a special start character and ends with a special stop character. These codes help the reader detect the barcode and figure out whether it is being scanned forward or backward.
- Some barcodes may include a checksum character just before the stop character. A checksum is calculated when the barcode is printed using the characters in the barcode. The



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reader performs the same calculation and compares its answer to the checksum it read at the end of the barcode. If the two don't match, the reader assumes that something is wrong, throws out the data, and tries again.

## What's a 2-D code?

- 2-Dimensional symbols are generally square or rectangular patterns that encode data in two dimensions. They fall into two general categories: 'Stacked barcodes' are constructed like a layer cake of barcodes stacked on on top of the other; they can be read by special 2-D scanners or by many CCD and laser scanners with the aid of special decoding software. 'Matrix Codes' are built on a true 2-D matrix; they are usually more compact than a stacked barcode, and they can be read only by a true 2-D scanner. The primary advantage of 2-D codes is the ability to encode a lot of information in a small space.

Thankyou!



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