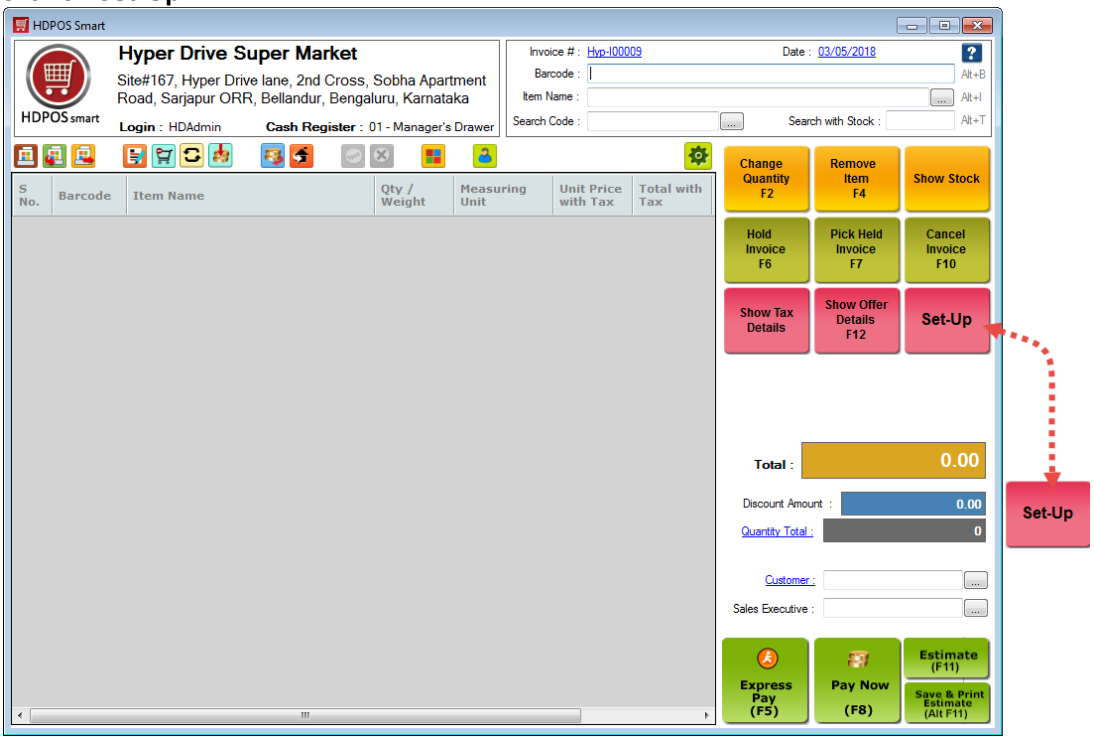
How to do Weighing Scale Barcode Sticker settings in HDPOS smart?

Please follow the steps below to do weighing scale barcode sticker settings in HDPOS smart:

1. Run **HDPOS smart**.
2. Click on **Set-Up**.



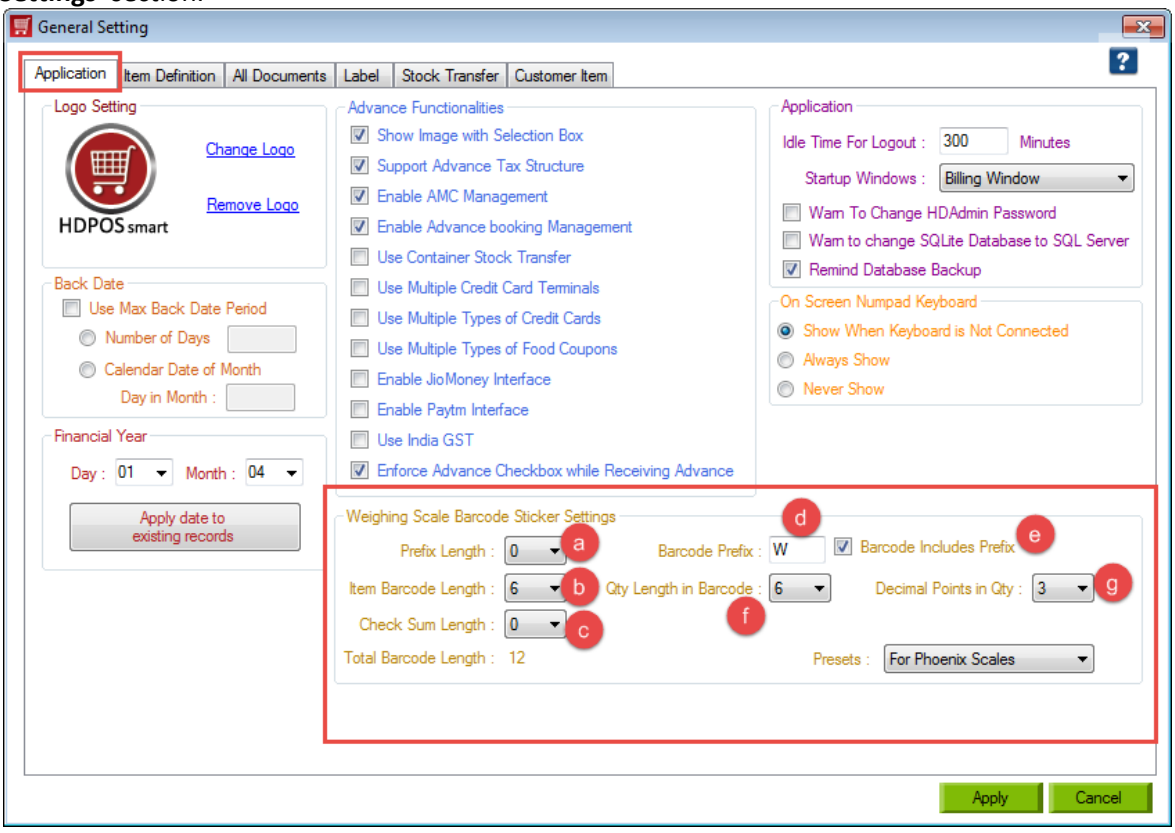
3. Click on **Settings** from 4th page of **Set-Up**.



4. From **System Setting** screen, click on **General.**



5. In **General Setting** window, in Application tab, you will see '**Weighing Scale Barcode Sticker Settings'** section.



a. **Prefix Length:** Set the length of the barcode prefix according to the requirements of the weighing scale. Whenever you create an item that is to be sent to weighing scale, the barcode prefix is set as given here.

b. **Item Barcode Length:** Select the length of the Item barcode from the dropdown. It can take values between 4 to 9.

c. **Checksum Length:** If your weighing scale uses a checksum, then select the appropriate value from the dropdown.

d. **Barcode Prefix:** You can enter the barcode prefix for the items. The number of characters depends on the prefix length set.

e. **Barcode Includes Prefix:** The checkbox is checked by default. If the barcode does not include a barcode prefix, then uncheck the checkbox.

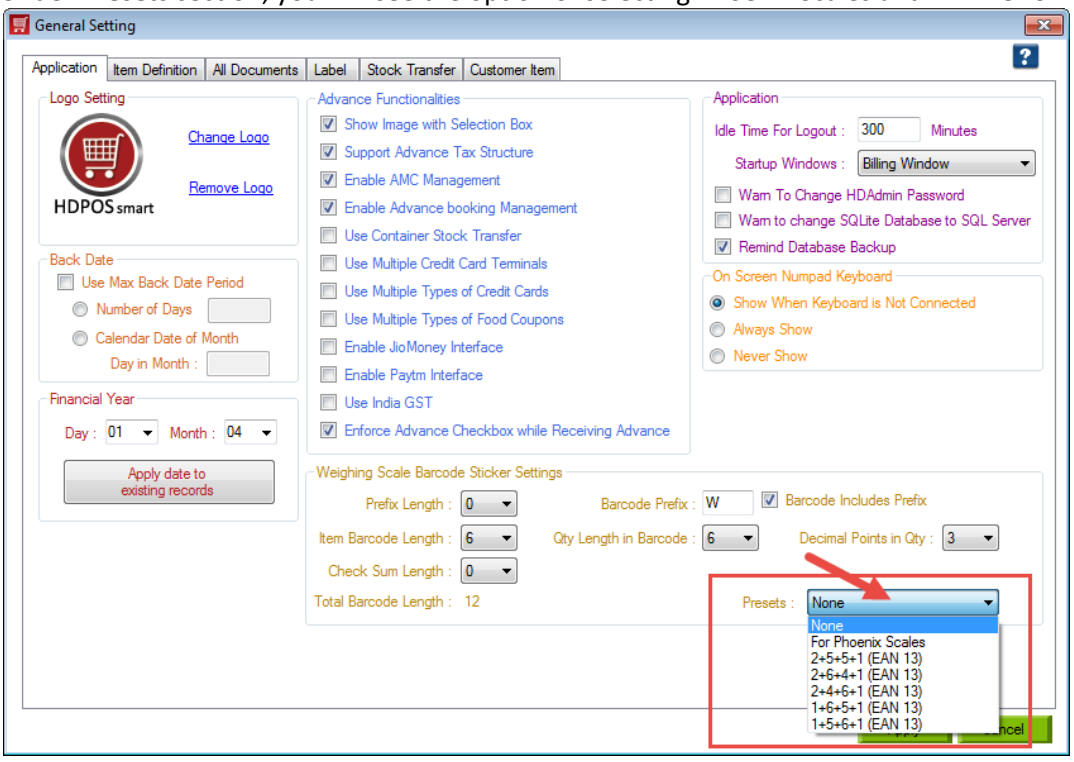
f. **Qty Length in Barcode:** The barcode sticker printed from the weighing scale includes quantity data along with item's barcode. The length of the barcode printed that contains the weight data is to be set here.

g. **Decimal Point in Qty:** The weight generally has decimal values, and so, a part of the barcode with quantity data should be dedicated to it. This value denotes the number of digits in a barcode that holds the decimal value.

E.g., If the quantity length in Barcode is 6, and the Decimal Points in Qty is set as 3, then to denote 2.53kgs, the Barcode would be 002530

Similarly, if the Decimal Points in Qty were set to 2, then the quantity part of barcode would have been 000253

6. Under **Presets** section, you will see the option of selecting Phoenix Scales and EAN 13 format.



Most of the weighing scales in Gulf countries print the stickers in the EAN 13 format.

These barcodes have 4 data fields encoded in them. These are:

1. **Dept Code** (Machine code): Indicates which machine or dept the barcode sticker was generated.
2. **Product Code** (Actual Barcode): Actual Barcode of the item (5 or 6 digits) typically.
3. **Weight** (without a decimal point): The weight of the item without the decimal point. The decimal point is considered at 3 (1/1000) typically.
4. **Checksum** Digit (1 digit): This digit is generated based on EAN 13 encoding standards.

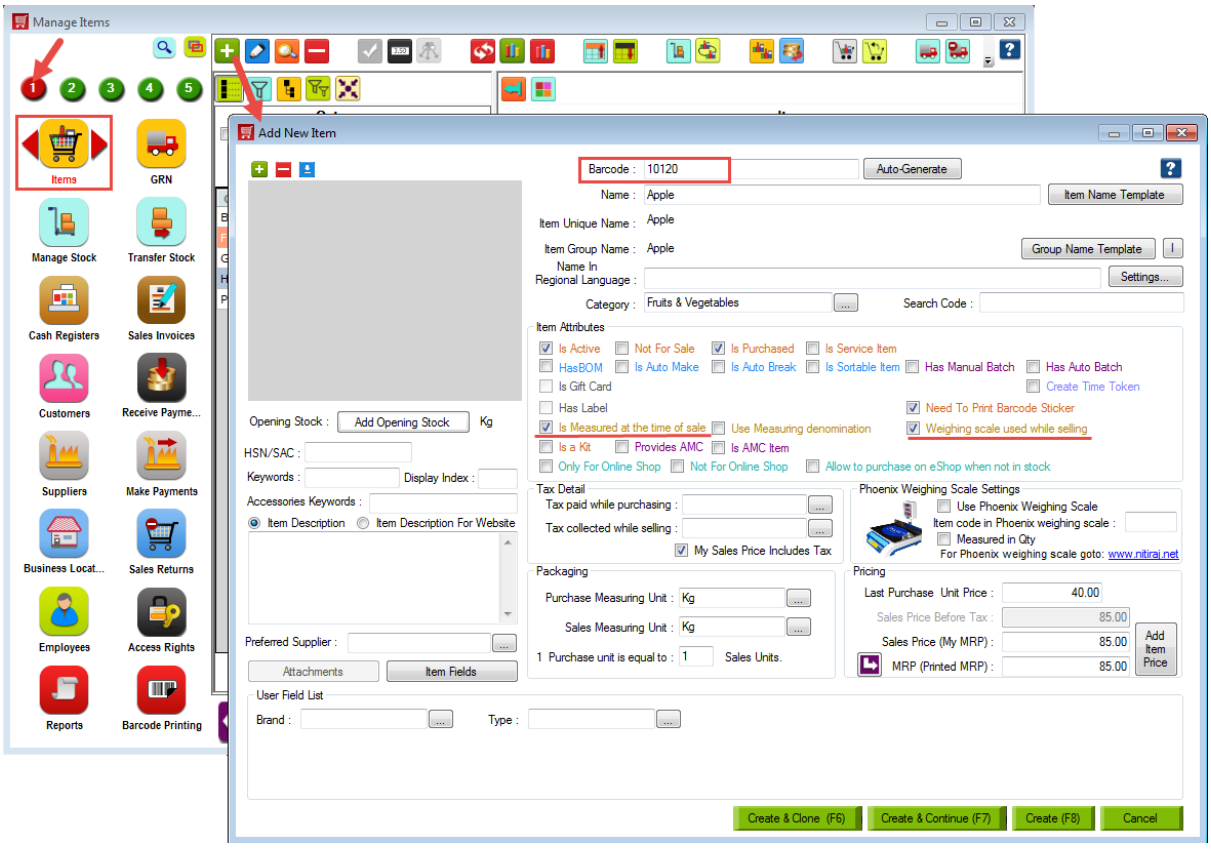
There are typically 5 combinations of these 4 fields that are standardized.

- 2+5+5+1 (2 digits for Dept Code, 5 digit barcode, 5 digits for Weight and 1 digit of checksum)
- 2+6+4+1
- 2+4+6+1
- 1+6+5+1
- 1+5+6+1

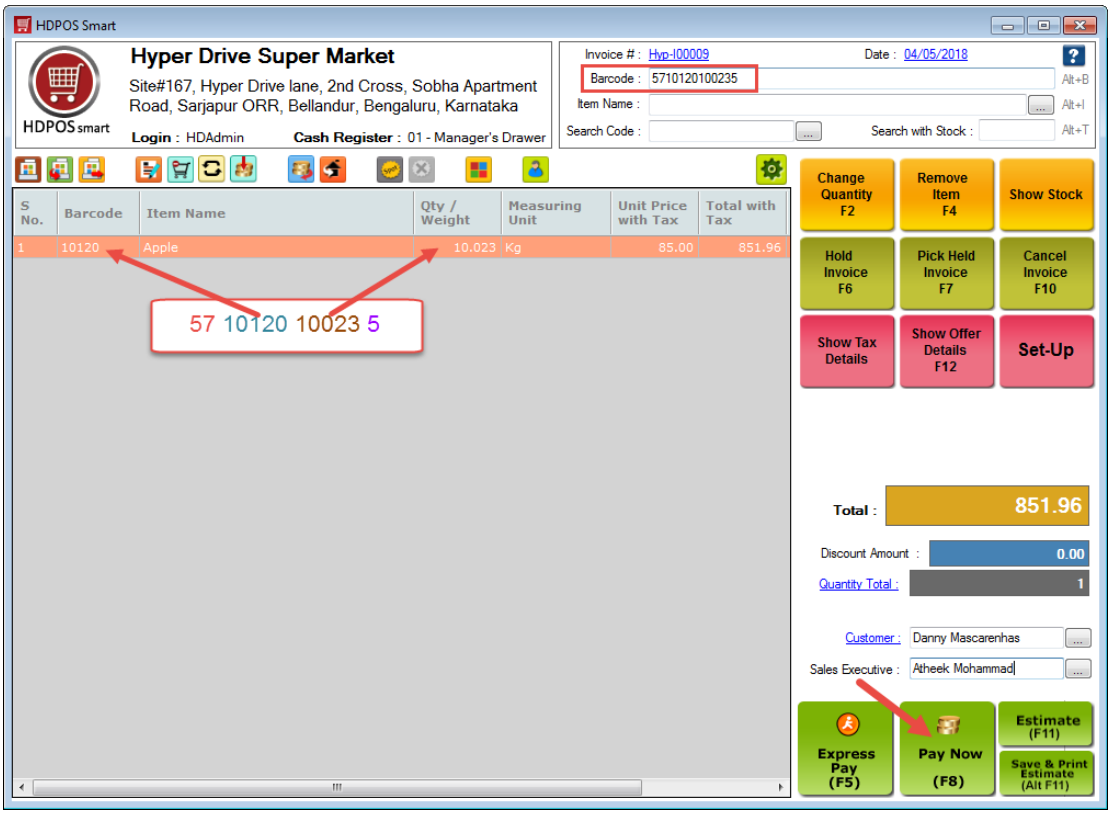
Let's take the example of 2+5+5+1.

In this case, let's assume an Item having barcode length of 5 as 10120, whose weight barcode generated from weighing scale is 10023, the checksum is 5 and the machine code is 57. Then the EAN for the Item would be 5710120100235. If decimal settings are set for 3 digits then the net weight will be 10.023

1) Create an Item with the Barcode as 10120 and mark **"Is Measured at the time of sale"** and **"Weighing Scale used while selling"** attributes. Click on **Create** button.



2) Now go back to the main screen for billing. In the barcode field, scan the EAN (5710120100235) and you will see the Item gets added with desired weight as per the settings. Click on **Pay Now**.



3) Enter the received amount and click **on Save & Print Invoice**.

