



# Stock Tool

Documentation

Saniya Jain (Full stack Developer)

## Index

Content	Page no.
1. Tech stack	2
2. Database	2
3. ER Diagram	3
4. Files	
5. Working	5
• Login	5
• LogOut	5
• Download (Button)	5
• Stock Table	5
• New stock Or Add Items	7
6. Screenshots Of Stock Tool	10

## About

This is a stock tool. It is used to add new stocks in the database and display remaining stock from database. To add new stock data we need to click on button on the top right corner then model will open. Input field used is supporting autocomplete feature and data in suggestion is coming from database. We can add stock just by entering the id of the stock.

## Tech Stack

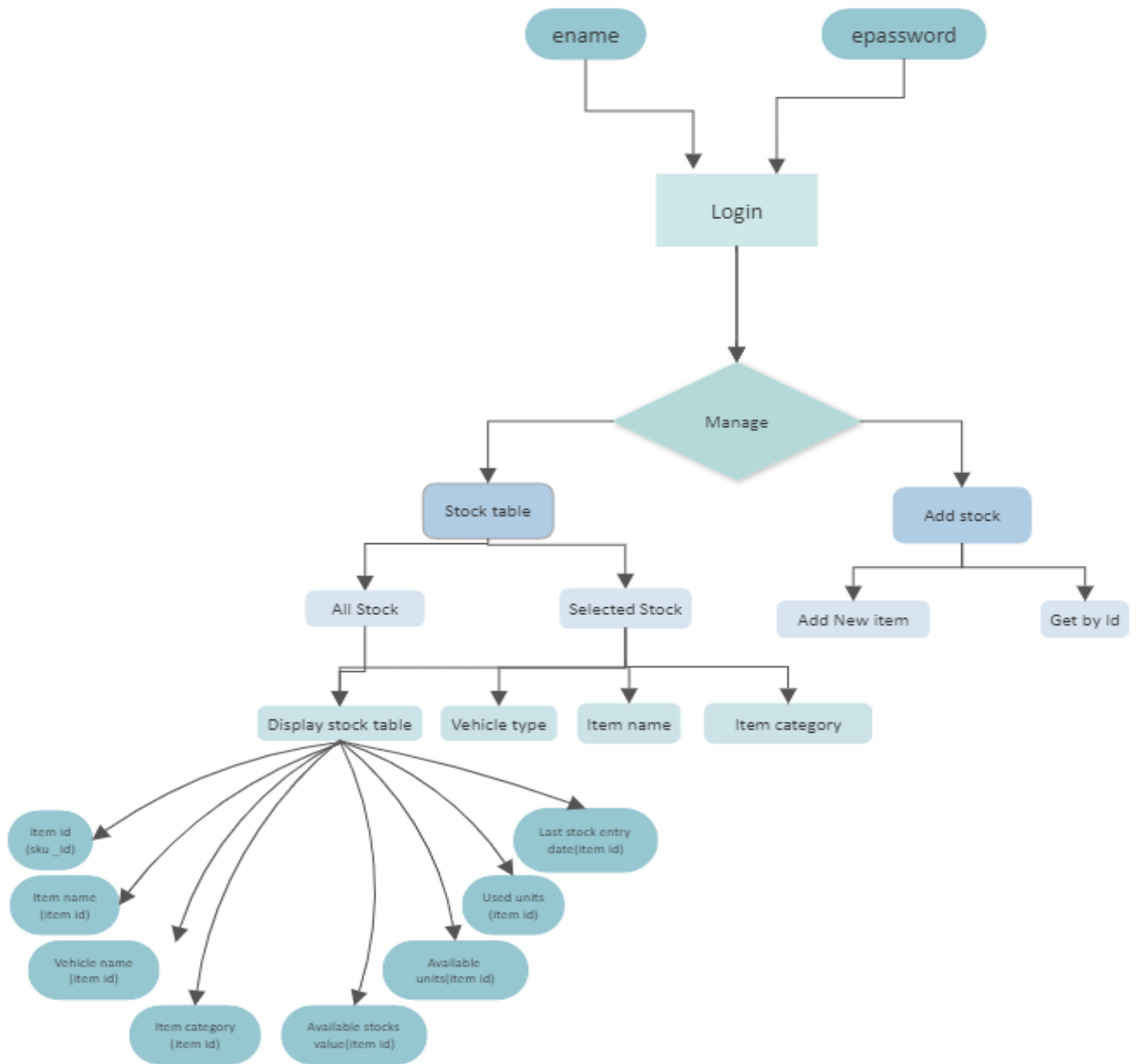
1. HTML
2. CSS
3. Bootstrap
4. JavaScript
5. PHP
6. MySQL
7. jQuery
8. Ajax

## Database

- 1) Stock\_tool –
  - a. item\_master
  - b. stock\_available
  - c. stock\_entry
- 2) HR\_tool –
  - a. employee\_login

## ER Diagram

## ER Diagram of Stock Tool



Files

1. Folder ( common )
  - a. connection.php
  - b. footer.php
  - c. link.php – All bootstrap, excel, swal links
  - d. navbar.php – php code of navbar
  - e. session.php – it checks if session is present or not if not page will redirect to login page
2. Folder ( img )
  - a. Icon.png
3. Folder (stylesheet)
  - a. Footer.css
  - b. Index.css
  - c. Style.css – Login page CSS
4. excel.php – PHP code to download excel file of stock\_entry table
5. index.php – All working of dashboard
6. insert\_data – php code to add stock in stock\_entry, stock\_available and item\_master table
7. login.php – login page (html and php code)
8. logout.php – used for logging out and destroy session
9. searchField.css – CSS code of input field suggestion in model of add stock
10. update.php – AJAX code of index.php file

## Working

Login –

- a. File Name – login.php

- b. Database – HR Tool
- c. Table – employee\_login

#### LogOut-

- a. File Name – logout.php
- b. Destroy session

#### Download (Button) –

- a. File Name – excel.php
- b. to download excel file of stock\_entry table

#### Stock Table –

- a. Database – Stock Tool
- b. Table – item\_master, stock\_available, stock\_entry
- c. Unique column – sku\_id
- d. Functions –
  - Item\_masters() = To get item master table data  
( to get array of all Item\_category, Item\_name and vehicle\_name)
  - stock\_available() = To get stock available table data
  - stock\_entrys() = To get stock entry last date with sku\_id
- e. Selected Stock –
  - Vehicle Type – item\_master Table
    - Onchange = id ('vtype')
  - Item Name – item\_master Table
    - Onchange = id ('name')
  - Item Category - item\_master Table
    - Onchange = id ('category')

*Flow to display table*

Table Display (Default)



checkDropdown('select')

// This function check filter is added or not

// available stock value, available stock unit, used stock value and used stock units counts here

var type = 'select'

dateFilterData('all')

// dateFilterData function is used to combine all fields of three table and store in one json variable 'json'



showTable()

// By using json variable

(Change html and show data change Top cards value)

New stock Or Add Items –

- a. Item category
  - Get by dropdown
  - Get by input
- b. Item name
  - Get by dropdown
  - Get by input
- c. Vehicle name
  - Get by dropdown



- Get by input
- d. Item Id
  - Add New Item
  - Get by Id
  - Suggest id (Example- SKU Id: 25)
- e. Item In Date
- f. SKU source by
- g. Number of units
- h. Price/ units
- i. SKU payment done by
- j. SKU Vendor

### Filter suggestions in input and options Dropdowns

Function - Item\_masters() ( is used to get default array of item category, item name and vehiclename )

#### 1) Item category Array ( set default always )

- Filter() – Onchage to filter Item Name array

#### 2) Item name

- Get filtered array on the bases of item category
- Filter() – Onchage to filter vehicle\_name array

#### 3) Vehicle name

- Get filtered array on the bases of item name
  - Filter() – Add one option in sku Id field dropdown of sku id (Example- SKU Id: 25)

### Sku id or Item id

Add new item (Onchange = 'sku\_id')

- Change html into input of item category, item name and vehicle name

- $skuid = \text{Math.max.apply}(\text{null}, skuid1) + 1$   
with the help of this formula we get new skuid ( $\text{max } skuid1 + 1$ )
- this skuid can't be change it is in readonly mode

Get by id (Onchange = 'sku\_id')

- Change all fields(item category, item name and vehicle name) into input field and in readonly mode
- Change sku\_id into input field
- After getting skuid value (Function Onchange = `getData()` )
- By using item\_master Array get remaining fields value

### *Flow to get default item id*



k. Save changes (Button) –

Conditions and Formula (In update.php file)

- All fields are required.
- Add new item - Check if same field is available with other id or not if not then it return true otherwise it will return false.
- Available value formula =  $\text{unit} * \text{price}$
- If item id is new then data stores in item\_master, stock\_entry and stock\_available table.
- if item id is old it will check this item id is present in stock\_available table.  
if not then data is inserted in stock\_available and stock\_entry table.

else data is inserted in stock\_entry table only and update in stock\_available.

### Columns of table updated or new row inserted

#### item\_master

Insert = id(auto\_inc), sku\_id, item\_category, item\_name, vehicle\_name

#### stock\_available

Insert = id(auto\_inc), sku\_id, total\_available\_unit, total\_used\_unit (value = 0), available\_stock\_value (Number of units \* Price per units), used\_stock\_value(value = 0)

Update = total\_available\_unit (Number of units + old units), available\_stock\_value(old value + (Number of units \* Price per units))


#### stock\_entry

Insert = id(auto\_inc), sku\_id, item\_category, item\_name, vehicle\_name, item\_in\_date(value = todat date), no\_of\_units(), price\_per\_unit, item\_sourced\_by, item\_payment\_done\_by, item\_vendor, entry\_done\_by

- entry\_done\_by = Name of the employee who is logged in it is passed from index.php page to insert page. Its input field is hidden

## Screenshots Of Stock Tool


## Login page-



### Login

Submit

## Dashboard-

Stock Management

AbhishekLogout

Available Stock Value  
834832

Available Stock Units  
15952

Used stock Valu  
18000

Used Stock Units  
12

Add Items

Vehicle Type ▾

Item Name ▾

Item Categc ▾

Download

Item ID	Item name	Vehicle name	Item category	Available stocks value	Available units	Used units	Last stock entry date
17	engine oil	Pulser	engine oil	904	5	0	2022-05-27
3	Mirror Back	Pulser	accessories	93631	1348	4	2022-05-26
26	Back Tyre	activa	Tyre	4	2	0	2022-05-25
2	Mirror	activa	accessories	1600	324	0	2022-05-25
27	Mirror Back	Pulser	accessories	9	3	0	2022-05-18
14	Mirror Back	activa	accessories	80021	409	0	2022-05-18
4	Back Tyre	Maestro	Tyre	8016	8	8	2022-05-11
12	Back Tyre	Pulser	Tyre	37234	2048	0	2022-05-05

Copyright Ridobiko Solutions Pvt Ltd | 2022

## Download or LogOut Buttons

The screenshot shows the Stock Management dashboard. At the top right, there is a user profile 'Abhishek' and a 'LogOut' button. Below this, there are four summary cards: 'Available Stock Value' (834832), 'Available Stock Units' (15952), 'Used stock Valu' (18000), and 'Used Stock Units' (12). Below these cards are three filters: 'Vehicle Type', 'Item Name', and 'Item Category'. A 'Download' button is circled in red, with an annotation 'Button to download excel file of stock entry' pointing to it. Below the filters is a table with 8 columns: Item ID, Item name, Vehicle name, Item category, Available stocks value, Available units, Used units, and Last stock entry date. The table contains 8 rows of data. At the bottom, there is a copyright notice: 'Copyright Ridobiko Solutions Pvt Ltd | 2022'.

Item ID	Item name	Vehicle name	Item category	Available stocks value	Available units	Used units	Last stock entry date
17	engine oil	Pulser	engine oil	904	5	0	2022-05-27
3	Mirror Back	Pulser	accessories	93631	1348	4	2022-05-26
26	Back Tyre	activa	Tyre	4	2	0	2022-05-25
2	Mirror	activa	accessories	1600	324	0	2022-05-25
27	Mirror Back	Pulser	accessories	9	3	0	2022-05-18
14	Mirror Back	activa	accessories	80021	409	0	2022-05-18
4	Back Tyre	Maestro	Tyre	8016	8	8	2022-05-11
12	Back Tyre	Pulser	Tyre	37234	2048	0	2022-05-05

## Filter table

The screenshot shows the Stock Management dashboard with the 'Item Category' filter dropdown menu open. The dropdown menu lists 'accessories', 'engine oil', 'Tyre', and 'accessories'. The 'accessories' option is highlighted. An annotation 'Filter table data on the basis of item category' points to the dropdown menu. The table below the filters shows 8 rows of data, filtered by the 'accessories' category. At the bottom, there is a copyright notice: 'Copyright Ridobiko Solutions Pvt Ltd | 2022'.

Item ID	Item name	Vehicle name	Item category	Available stocks value	Available units	Used units	Last stock entry date
3	Mirror Back	Pulser	accessories	93631	1348	4	2022-05-26
2	Mirror	activa	accessories	1600	324	0	2022-05-25
14	Mirror Back	activa	accessories	80021	409	0	2022-05-18
20	Mirrors	all	accessories	57800	1400	0	2022-03-02
22	Mirror	honda	accessories	45000	1000	0	2022-02-15
19	Mirror	all	accessories	34000	1000	0	2022-02-09
18	brakes	all	accessories	34000	1000	0	2022-02-09
16	brakes	Pulser	accessories	313600	1400	0	2022-02-09

## Add item Model

**Add Item**

Item category:  Item name:

Vehicle name:  Item ID:

Item In Date:  SKU source by:

Number of units:  Price / units:

SKU payment done by:  SKU vendor:

Item ID	Item name	Vehicle name	Item category
17	engine oil	Pulser	engine oil
3	Mirror Back	Pulser	accessories
26	Back Tyre	activa	Tyre
2	Mirror	activa	accessories
27	Mirror Back	Pulser	accessories
14	Mirror Back	activa	accessories
4	Back Tyre	Maestro	Tyre
12	Back Tyre	Pulser	Tyre
28	Mirror Back	Pulser	accessories

## Different Input types

**Add Item**

Item category:  Item name:

Vehicle name:  Item ID:

Item In Date:  SKU source by:

Number of units:  Price / units:

SKU payment done by:  SKU vendor:

Item ID	Item name	Vehicle name	Item category
17	engine oil	Pulser	engine oil
3	Mirror Back	Pulser	accessories
26	Back Tyre	activa	Tyre
2	Mirror	activa	accessories
27	Mirror Back	Pulser	accessories
14	Mirror Back	activa	accessories
4	Back Tyre	Maestro	Tyre
12	Back Tyre	Pulser	Tyre
28	Mirror Back	Pulser	accessories

Get item id by default Or get new Id for new product

Available Stock Value  
834832

Add Items

Used Stock Units  
12

Download

Item ID	Item name	Vehicle name	Item category	Used units	Used units	Last stock entry date
17	engine oil	Pulser	engine oil	0	0	2022-05-27
3	Mirror Back	Pulser	accessories	0	0	2022-05-26
26	Back Tyre	activa	Tyre	0	0	2022-05-25
2	Mirror	activa	accessories	0	0	2022-05-25
27	Mirror Back	Pulser	accessories	0	0	2022-05-18
14	Mirror Back	activa	accessories	0	0	2022-05-18
4	Back Tyre	Maestro	Tyre	0	0	2022-05-11
12	Back Tyre	Pulser	Tyre	0	0	2022-05-05
28	Mirror Back	Pulser	accessories	0	0	2022-05-04

Copyright Ridobiko Solutions Pvt Ltd | 2022

Get Item category, item name and vehicle name by Item id

Available Stock Value  
834832

Add Items

Used Stock Units  
12

Download

Item ID	Item name	Vehicle name	Item category	Used units	Used units	Last stock entry date
17	engine oil	Pulser	engine oil	0	0	2022-05-27
3	Mirror Back	Pulser	accessories	0	0	2022-05-26
26	Back Tyre	activa	Tyre	0	0	2022-05-25
2	Mirror	activa	accessories	0	0	2022-05-25
27	Mirror Back	Pulser	accessories	0	0	2022-05-18
14	Mirror Back	activa	accessories	0	0	2022-05-18
4	Back Tyre	Maestro	Tyre	0	0	2022-05-11
12	Back Tyre	Pulser	Tyre	0	0	2022-05-05
28	Mirror Back	Pulser	accessories	0	0	2022-05-04

Copyright Ridobiko Solutions Pvt Ltd | 2022