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1. About this system

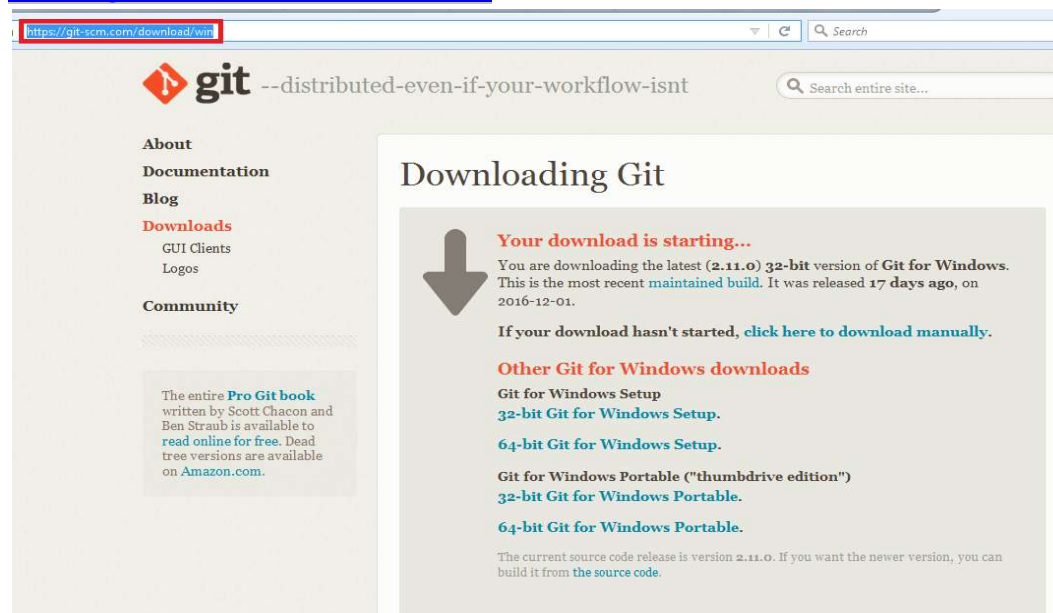
An Inventory Management System is an integrated package of software and hardware used in warehouse operation, and elsewhere, to monitor the quantity, location and status of inventory as well as the related shipping, receiving, picking and put away process. In common usage, the term may also refer to just the software components. The system will keep a log of the spares available and also be intelligent enough which items have been taken from which supplier and in which quantity plus the amount of items being given to individual user under what requirement. It will also indicate how many items will be available for individual category.

2. Installation

2.1 Installation in Windows with virtual environment:

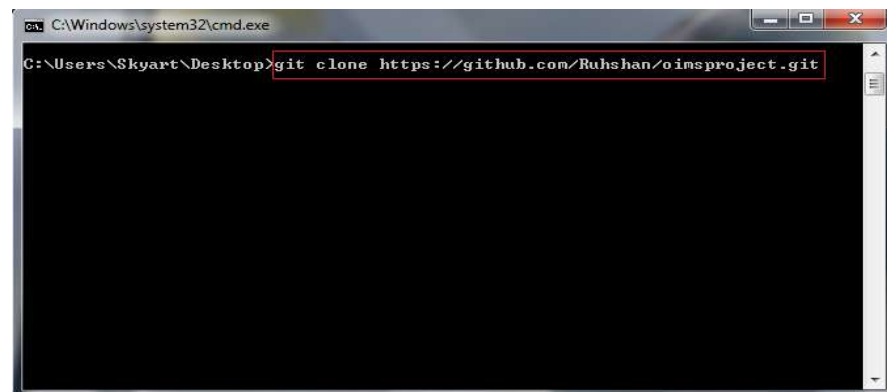
I. Install git:

<http://git-scm.com/download/win>



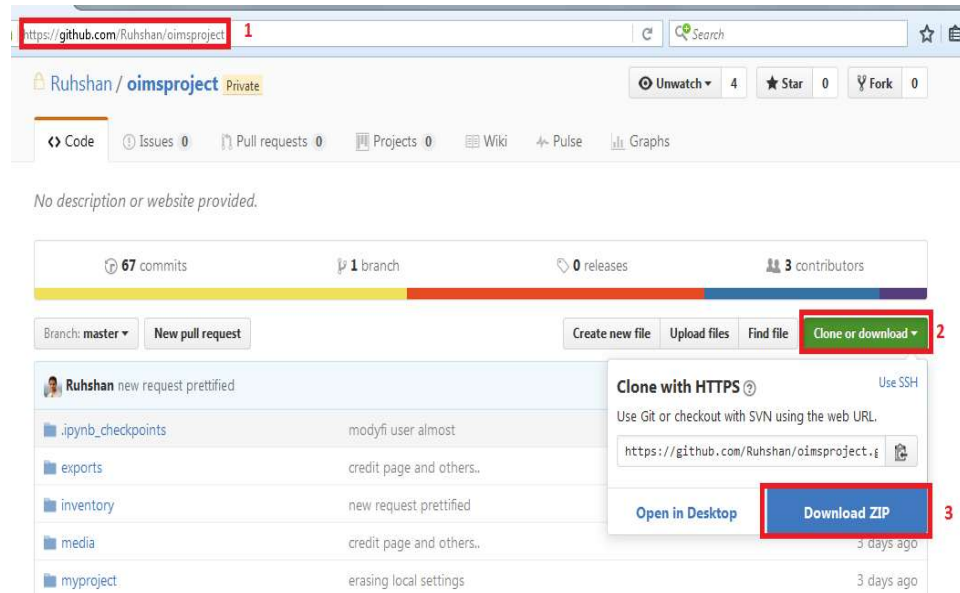
II. Clone repository in Desktop or in other directory:

`git clone` <https://github.com/Ruhshan/oimsproject.git>



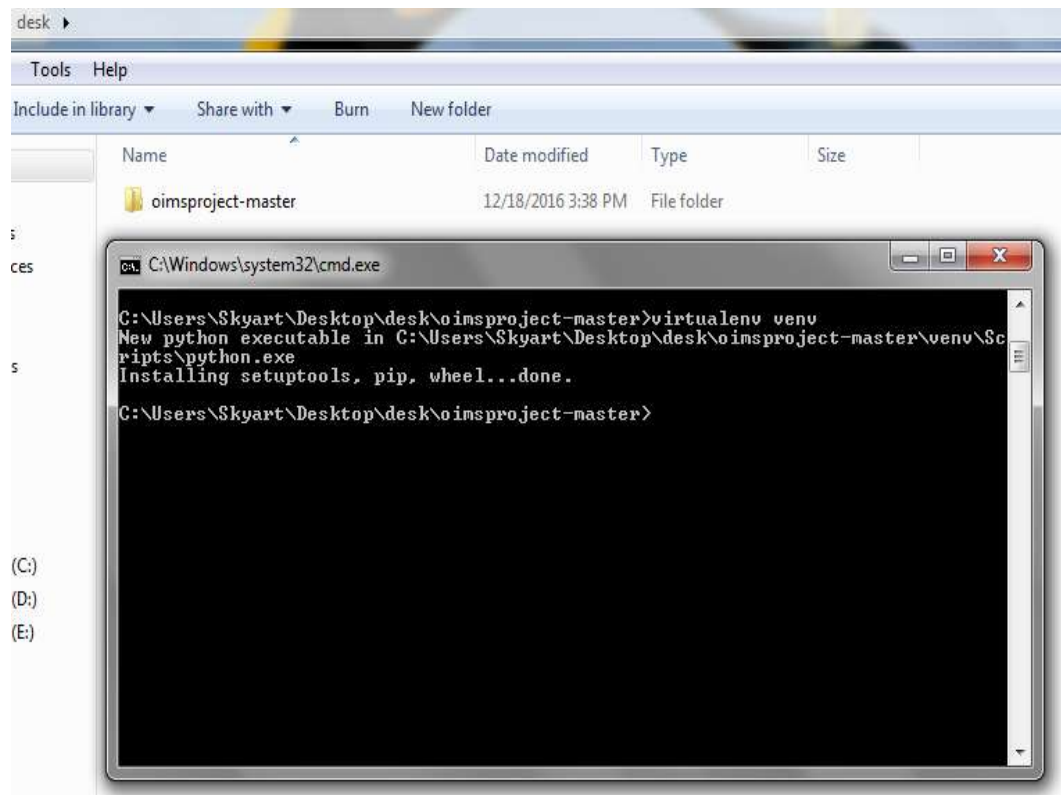
Or

Download zip file from git manually and extract it.



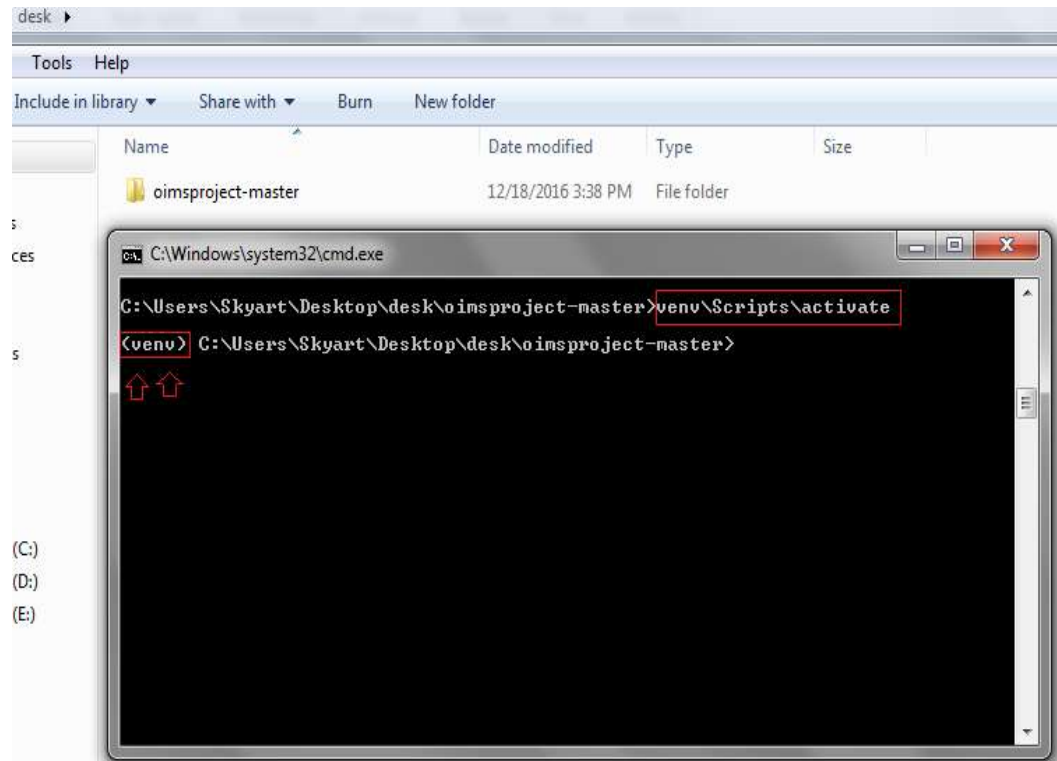
III. Install Virtual Environment into the project folder:

`virtualenv venv`



IV. Activate Virtual Environment:

`venv\Scripts\activateConso`



- V. Install django and dependencies into project folder:
`pip install -r requirements.txt`

```
C:\Windows\system32\cmd.exe

(venv) C:\Users\Skyart\Desktop\desk\oimsproject-master>pip install -r requirements.txt
Collecting Django==1.10.3 (from -r requirements.txt (line 1))
  Using cached Django-1.10.3-py2.py3-none-any.whl
Collecting argparse==1.2.1 (from -r requirements.txt (line 2))
  Retrying (Retry(total=4, connect=None, read=None, redirect=None)) after connection broken by 'ProtocolError('Connection aborted.', error(10054, 'An existing connection was forcibly closed by the remote host'))': /simple/argparse/
Collecting dj-database-url==0.4.1 (from -r requirements.txt (line 3))
  Using cached dj-database-url-0.4.1.tar.gz
Collecting gunicorn==19.6.0 (from -r requirements.txt (line 4))
  Using cached gunicorn-19.6.0-py2.py3-none-any.whl
Collecting whitenoise==3.2.2 (from -r requirements.txt (line 5))
  Using cached whitenoise-3.2.2-py2.py3-none-any.whl
Collecting wsgiref==0.1.2 (from -r requirements.txt (line 6))
Collecting psycopg2==2.6.2 (from -r requirements.txt (line 7))
  Using cached psycopg2-2.6.2-cp27-none-win32.whl
Building wheels for collected packages: dj-database-url
  Running setup.py bdist_wheel for dj-database-url ... done
  Stored in directory: C:\Users\Skyart\AppData\Local\pip\Cache\wheels\aa\6e\0b\fa5aa1269e9e877fc925294ecd7752e9265f42ee18d38c37dd
Successfully built dj-database-url
Installing collected packages: Django, argparse, dj-database-url, gunicorn, whitenoise, wsgiref, psycopg2
Successfully installed Django-1.10.3 argparse-1.2.1 dj-database-url-0.4.1 gunicorn-19.6.0 psycopg2-2.6.2 whitenoise-3.2.2 wsgiref-0.1.2

(venv) C:\Users\Skyart\Desktop\desk\oimsproject-master>_
```

2.2 Installation in Windows with Virtual environment:

Follow step I, II and V of *section 2.1*

2.3 Installation in Linux(from command prompt):

- I. Install git:
`sudo apt-get install git`
- II. Clone repository:
`git clone https://github.com/Ruhshan/oimsproject.git`
- III. Enter the project folder:
`cd oimsproject-master`
- IV. Install Virtual Environment for this project:
`virtualenv venv`
- V. Activate Virtual Environment:
`source venv/bin/activate`
- VI. Install django and dependencies into the project folder:
`pip install -r requirements.txt`

NB. In this step if there is an error regarding --Command `"python setup.py egg_info"` failed with error code 1 in `/tmp/pip-build-ZDyhC7/psycogp2/` Follow the command to install the package--
`sudo apt-get install libpq-dev python-dev`

2.4 Start server info:

- I. From command prompt enter the following command
`python manage.py runserver`
or
User can use his own ip address with its port number:
`python manage.py runserver <ypur IP>:<your port>`
- II. Enter into admin panel with following url (Default):
`127.0.0.1:8000/superadminlogin`

Enter Default Username: ***'superuser'*** and password ***'superuser1234'***

2.5 Stop server info:

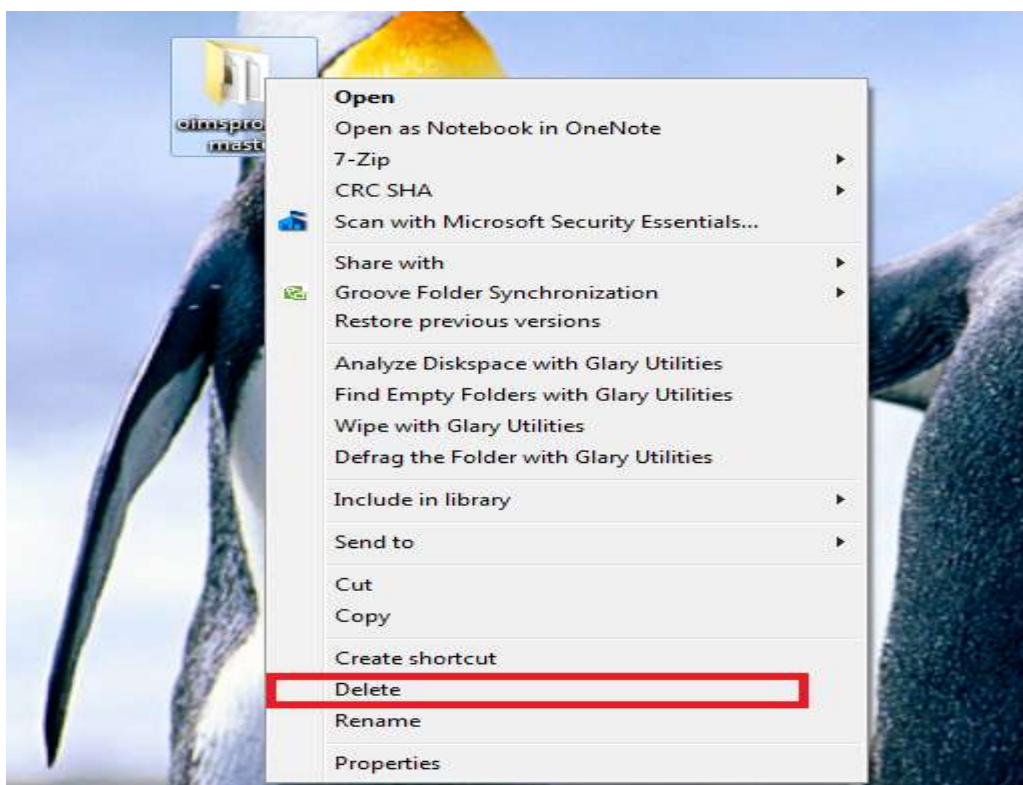
Press **ctrl+C** to stop the server or close the command prompt.

*Whenever the user run this software, he has to activate the virtual environment from the command prompt by giving the flowing command:

`venv\Scripts\activate`

2.6 Uninstall the project:

To uninstall the project user just have to delete the project folder.



Default admin username/password

After installation, a default superuser is created for the Database Authentication module.

Username: superuser

Password: superuser1234

Please change the admin password immediately after logging in the first time. Otherwise other people will also be able to log in using the well known default password.

If logging in does not work, you should try deleting your browser cache/cookies.

Superadmin Functionality

1. Description
2. Create Admin
3. Change password
4. Database Import
5. Database Export
6. Hard Reset

Description

Description contains the following properties:

- I. Currency
- II. Organization name
- III. Auto Refrresh After
- IV. Auto Logout After

For instance

The screenshot shows a web browser window titled "Superadmin" with the address bar displaying "127.0.0.1:8000/superadminpanel/". On the left is a sidebar menu with the following items: "Description", "Create Admin", "Change Password", "Database Export", "Database Import", and "Hard Reset". The main content area contains several configuration fields: "Currency:" with a text input containing "Taka", "Organization Name:" with a text input containing "ProjectY", "Auto Refresh After:" with a text input containing "30", and "Auto Logout After:" with a text input containing "70". At the bottom of these fields is a "Submit" button.

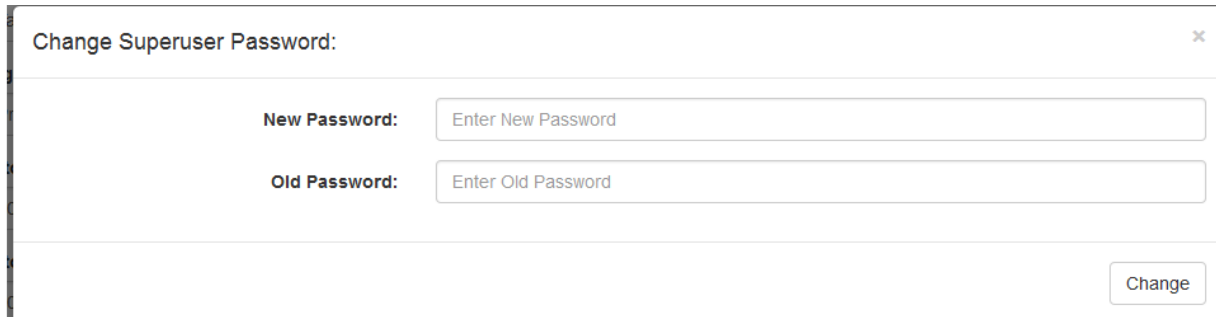
Create Admin

The screenshot shows a modal window titled "Create New Admin:" with a close button (X) in the top right corner. The form contains five input fields, each with a label and a placeholder text: "Email:" with "Enter Email", "Nick Name:" with "Enter Nick Name", "Password One:" with "Enter Minimum 8 Alphanumeric Characters", "Password Two:" with "Enter Password Two for admin", and "Password:" with "Enter SuperUser Password". The "Password:" field is highlighted with a light gray background. A "Create" button is located at the bottom right of the modal.

To create admin every field is mandatory and needs superuser password. You must login to superadmin to create an admin.

Password Criteria:

- The password must be minimum 8 characters in long including both lowercase and uppercase letters.



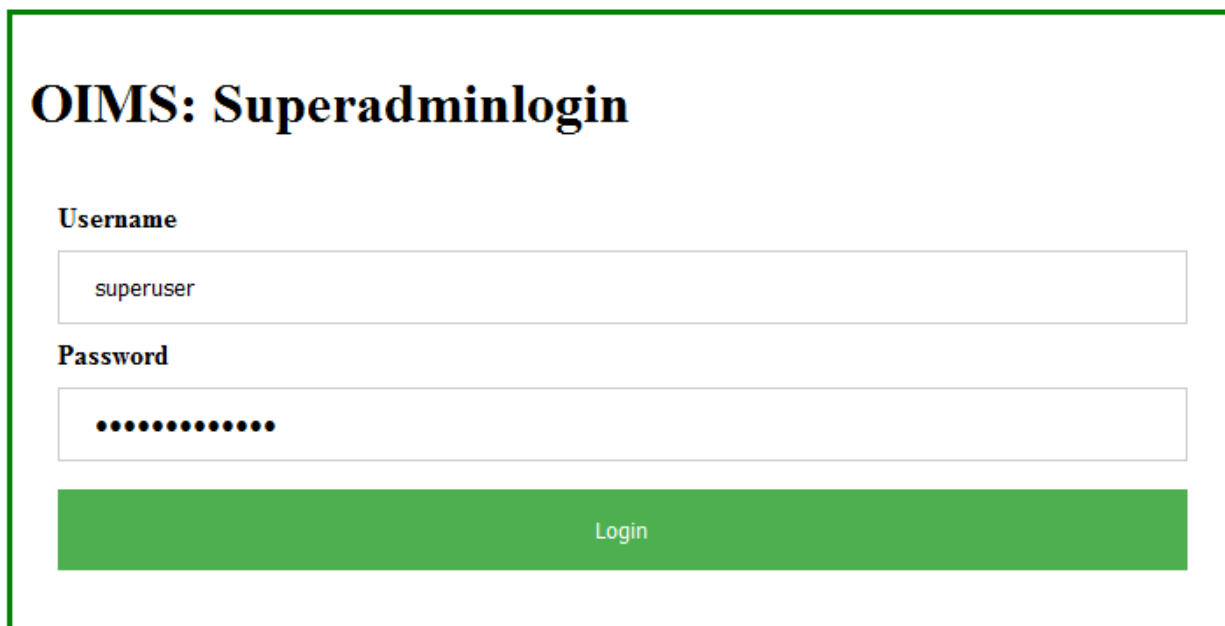
A dialog box titled "Change Superuser Password:" with a close button (X) in the top right corner. It contains two input fields: "New Password:" with placeholder text "Enter New Password" and "Old Password:" with placeholder text "Enter Old Password". A "Change" button is located at the bottom right.

Export/Import Database:

- The user can export/import data in JSON format.

Hard Reset:

Its wipe out all database. After hard reset you have to create new admin by login into “superadmin login panel”. Default username and password are **superuser** and **supersuer1234**.



A login form titled "OIMS: Superadminlogin". It has two input fields: "Username" with the text "superuser" and "Password" with masked characters (dots). Below the password field is a green "Login" button.

Main site functionality:

There are three types of user.

- I. Admin(Head): To log in needs username and two passwords. Admin can create Admin, User, Temporary admin.

Create new user

127.0.0.1:8000/home/

Home My Account **User** Vendor Item

1

ProjectY OIMS

Inventory Requests Return History:Requests History:Items Issues

Show 10 entries Search:

Item Name	Category	Stock	Delivered	Unit Price	Vendor
No data available in table					

Showing 0 to 0 of 0 entries Previous Next

127.0.0.1:8000/users/

Search

☆

📄

↓

🏠

👤

🔒

☰

Home

My Account

User

Vendor

Item

Hello! **Alert** Logout

Create Remove or Edit Login History

Create New User 2

Name	Email	Role	Date Joined	Created By	Modify
rabbee,	a@b	admin	Dec. 7, 2016, 1:14 p.m.	superuser	<div>Modify</div>
rabbee,	a@c	user	Dec. 7, 2016, 1:22 p.m.	rabbee	<div>Modify</div>

Creating New User

User Type: Admin

Email:

User Type

Admin

User

Temporary Admin

 3

Nick Name:

Password: Enter Password

Secondary Password: Enter Secondary Password

Password 1: Enter Your Password 1

Password 2: Enter Your Password 2

4 Create

Return item

127.0.0.1:8000/home/ Search

Home My Account User Vendor Item Hello, ! Alert 0 Logout

ProjectY OIMS

Inventory Requests **Return** History:Requests History:Items Issues

Item to return: chair,furniture

Name of Requestee: ashek

Location: 222

Return Amount: 4

Update

History:Requests

It is searchable within a date range.

OIMS 127.0.0.1:8000/home/ Search

Home My Account User Vendor Item Hello, ! Alert 0 Logout

ProjectY OIMS

Inventory Requests Return **History:Requests** History:Items Issues

Specify Date Range: 12/07/2016 - 12/07/2016 Show Reset

Show 10 entries

Date	Item Name	Category
Dec. 7, 2016	chair	furniture
Dec. 7, 2016	chair	furniture
Dec. 7, 2016	chair	furniture

Showing 1 to 3 of 3 entries

12/07/2016 12/07/2016 Apply Cancel

< Dec 2016 Jan 2017 >

Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa
27	28	29	30	1	2	3	25	26	27	28	29	30	31
4	5	6	7	8	9	10	1	2	3	4	5	6	7
11	12	13	14	15	16	17	8	9	10	11	12	13	14
18	19	20	21	22	23	24	15	16	17	18	19	20	21
25	26	27	28	29	30	31	22	23	24	25	26	27	28
1	2	3	4	5	6	7	29	30	31	1	2	3	4

Search: Requestee Processed by

ashek	rabbee
ashek	rabbee
ashek	rabbee

Previous 1 Next

History:Items:

Superadmin x OIMS x +

127.0.0.1:8000/home/ Search

Home My Account User Vendor Item Hello, I Alert Logout

ProjectY OIMS

Inventory Requests Return History:Requests History:Items Issues

Show 10 entries

Date	Item Name	Category	Quantity	Action	Modified nan	Added by	Approved by
Dec. 7, 2016	chair	furniture	12	create	None	rabbee	rabbee
Dec. 7, 2016	table	furniture	100	create	None	rabbee	rabbee
Dec. 7, 2016	laptop	electronics	100	create	None	rabbee	rabbee
Dec. 7, 2016	mobile	electronics	100	create	None	rabbee	rabbee
Dec. 7, 2016	white_board	stationary	100	create	None	rabbee	rabbee
Dec. 7, 2016	table	furniture	30	create	None	rabbee	rabbee
Dec. 7, 2016	pen	accessories	20	create	None	rabbee	rabbee

Showing 1 to 7 of 7 entries

Previous 1 Next

- II. User(Store Manager): To log in needs username and one password. He does not have access to user page compared to admin and temporary admin.

Superadmin x OIMS x OIMS x +

127.0.0.1:8000/home/ Search

Home My Account Vendor Item No user page Hello, I Alert Logout

ProjectY OIMS

Inventory Requests Return History:Requests History:Items Issues

Show 10 entries

Item Name	Category	Stock	Delivered	Unit Price	Vendor
-----------	----------	-------	-----------	------------	--------

No data available in table

Showing 0 to 0 of 0 entries

Previous Next

III. Temporary Admin(temporary Head): He has the functionality like head except creating new head.

New Item Add:

The screenshot shows the ProjectY OIMS web application. The browser address bar displays '127.0.0.1:8000/home/'. The navigation menu includes 'Home', 'My Account', 'User', 'Vendor', and 'Item' (highlighted with a red box and a '1' next to it). The main content area is titled 'ProjectY OIMS'. Below the title, there are tabs for 'Inventory', 'Requests', 'Return', 'History:Requests', 'History:Items', and 'Issues'. The 'Inventory' tab is active. Below the tabs, there is a 'Show' dropdown set to '10' and 'entries'. A search bar is located on the right. The main table displays inventory items with columns: Item Name, Category, Stock, Delivered, Unit Price, and Vendor. The table contains 5 entries. At the bottom, it says 'Showing 1 to 5 of 5 entries' and has 'Previous', '1', and 'Next' navigation links.

Item Name	Category	Stock	Delivered	Unit Price	Vendor
chair	furniture	3	9	500.00000 Taka	otobi
laptop	electronics	100	0	1000.00000 Taka	dell
mobile	electronics	100	0	1000.00000 Taka	nokia
pen	accessories	20	0	5.00000 Taka	matador
white_board	stationary	100	0	1000.00000 Taka	

The screenshot shows a web browser window with the URL `127.0.0.1:8000/item/`. The page has a sidebar menu with links: Home, My Account, User, Vendor, and Item. The main content area is titled 'Hello, ! Alert Logout'. Below this, there is a button 'Add existing items' and a button 'Add new Item' which is highlighted with a red box and a red '2' next to it. The form for adding a new item includes the following fields:

- Item Name:** Enter Item name
- Category:** Choose Category
- Item Quantity:** Enter Item quantity
- Minimum Quantity:** Enter minimum quantity for alert
- Unit Price:** Enter Unit price of this item
- Description:** Enter Item name

If item name matches exactly with previously added item in database then following message will popped up.

The screenshot shows the same web browser window, but now a dialog box is displayed over the form. The dialog box contains the message: 'This item under this category already exists, Pick a new name or choose a new category'. There is an 'OK' button in the bottom right corner of the dialog box. The background form is dimmed, but the following fields are visible:

- Item Name:** lapt
- Category:** elect
- Item Quantity:** 5
- Minimum Quantity:** 2
- Unit Price:** 50000
- Description:** new laptop
- Vendor Name:** dell

An 'Add' button is visible at the bottom of the form.

OIMS

127.0.0.1:8000/home/

Search

HomeMy AccountUserVendorItem

Hello, I Alert0Logout

ProjectY OIMS

Inventory

Requests3

Return

History:Requests

History:Items

Issues

Item Requests

Item:new_laptop,electronics Quantity:4 is requested to create by a@b

4

Okay

Cancel

Item:new_laptop,electronics Quantity:5 is requested to create by a@b

Okay

Cancel