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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.

Installation in Windows:

1. Install git:

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

2. Create and Enter the project folder:

```
cd oimsproject
```

3. Clone repository:

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

4. Install Virtual Environment for this project:

```
virtualenv venv
```

5. Activate Virtual Environment:

```
venv\Scripts\activate
```

6. Install django and dependencies:

```
pip install -r requirements.txt
```

7. Start The Server:

```
python manage.py runserver
```

8. Enter into admin panel with following url:

```
`127.0.0.1:8000/superadminlogin`
```

9. Enter Default Username: 'superuser' and password 'superuser1234'

Installation in Ubuntu(from command prompt):

1. Install git:

```
sudo apt-get install git
```

2. Clone repository:

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

3. Enter the project folder:

```
cd oimsproject-master
```

4. Install Virtual Environment for this project:

```
virtualenv venv
```

5. Activate Virtual Environment:

```
source venv/bin/activate
```

6. Install django and dependencies:

```
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
```

7. Start The Server:

```
python manage.py runserver
```

8. Enter into admin panel with following url:

```
127.0.0.1:8000/superadminlogin
```

Enter Default Username: superuser and password superuser1234

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

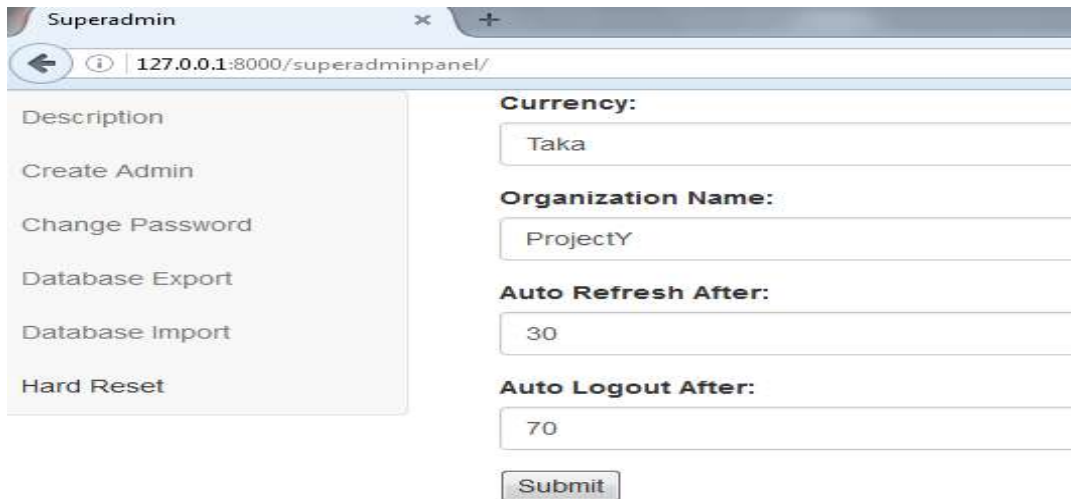
1. Description
2. Create Admin
3. Change password
4. Database Import
5. Database Export
6. Hard Reset

Description

Description contains the following properties:

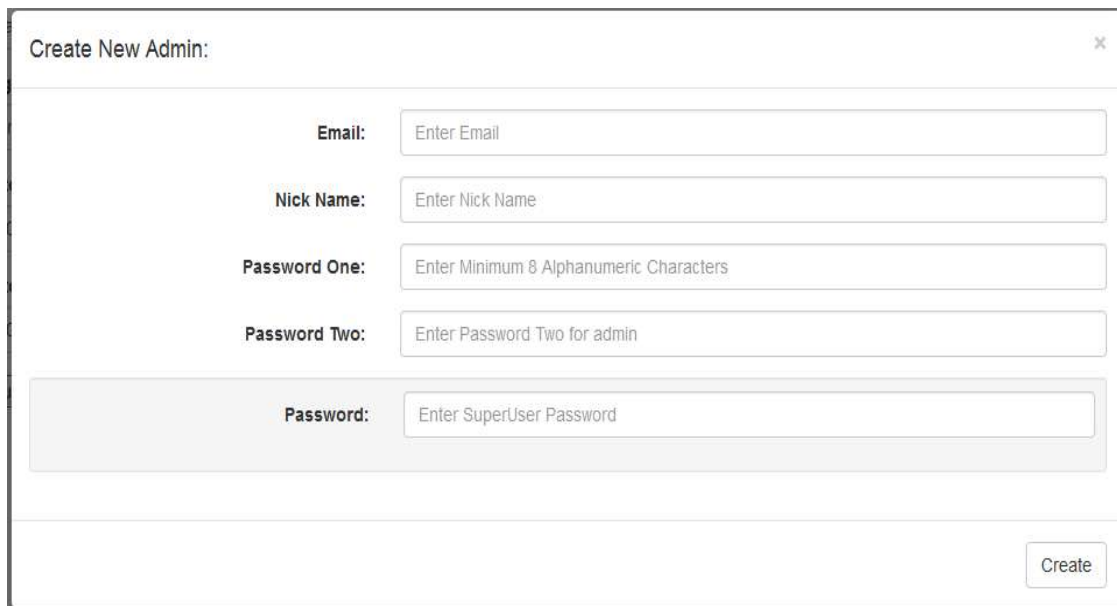
- I. Currency
- II. Organization name
- III. Auto Refresh After
- IV. Auto Logout After

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, a sidebar menu contains the following items: "Description", "Create Admin", "Change Password", "Database Export", "Database Import", and "Hard Reset". The main content area displays configuration settings for "Currency" (set to "Taka"), "Organization Name" (set to "ProjectY"), "Auto Refresh After" (set to "30"), and "Auto Logout After" (set to "70"). A "Submit" button is located at the bottom of the configuration section.

Create Admin



The screenshot shows a "Create New Admin" dialog box with a close button (X) in the top right corner. The dialog contains five input fields, each with a label and a placeholder text:

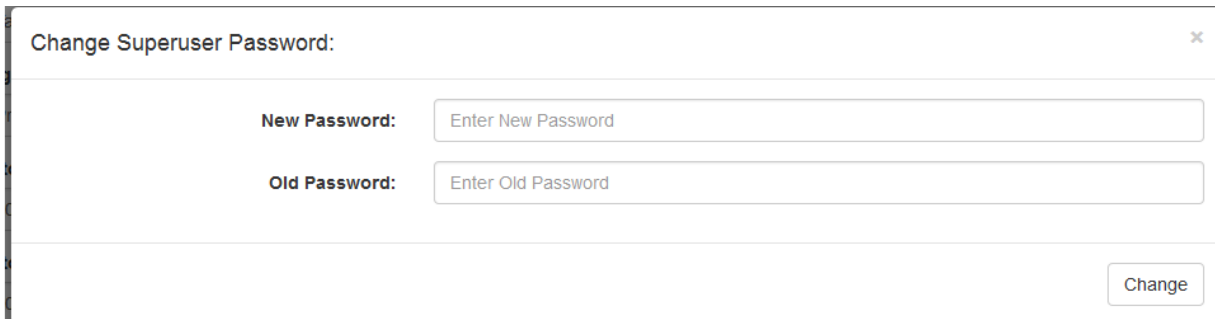
- Email:** Enter Email
- Nick Name:** Enter Nick Name
- Password One:** Enter Minimum 8 Alphanumeric Characters
- Password Two:** Enter Password Two for admin
- Password:** Enter SuperUser Password

A "Create" button is located at the bottom right of the dialog.

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.



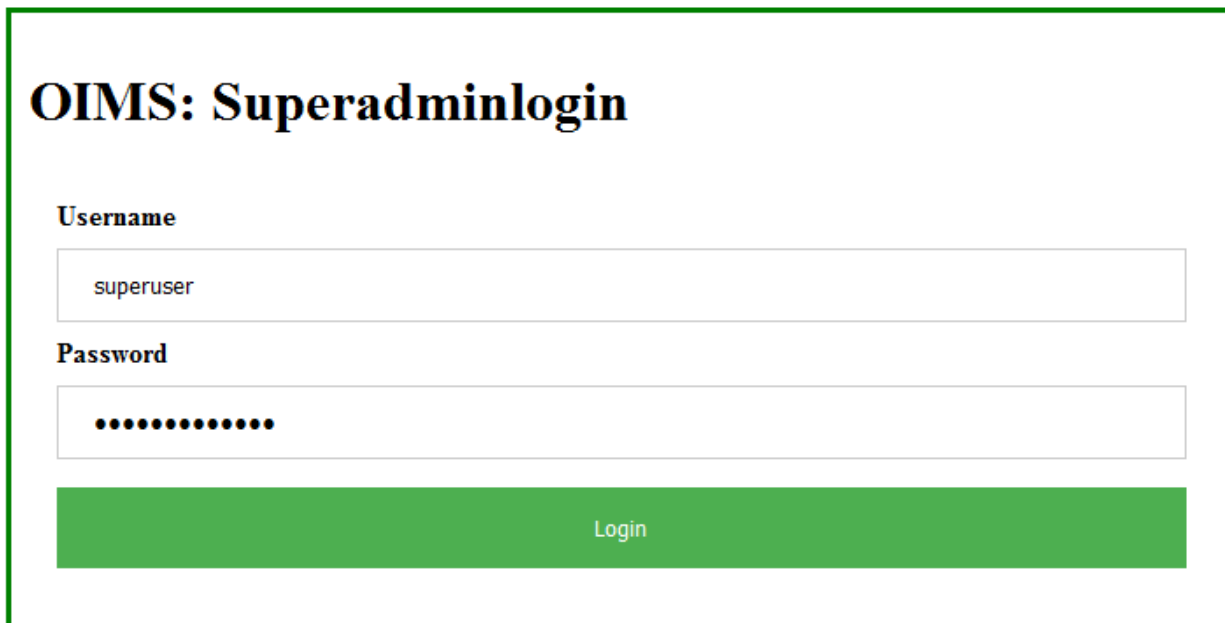
A dialog box titled "Change Superuser Password:" with a close button (X) in the top right corner. It contains two input fields: "New Password:" with placeholder text "Enter New Password" and "Old Password:" with placeholder text "Enter Old Password". A "Change" button is located at the bottom right of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

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

The screenshot displays the ProjectY OIMS web application. The browser address bar shows the URL `127.0.0.1:8000/home/`. The navigation menu at the top includes [Home](#), [My Account](#), [User](#) (highlighted with a red box and a red '1' below it), [Vendor](#), and [Item](#). The right side of the header shows a user greeting 'Hello, ! Alert' with a notification icon and a 'Logout' link. Below the header, the main content area is titled 'ProjectY OIMS'. A horizontal menu contains several options: 'Inventory' (highlighted in blue), 'Requests', 'Return', 'History:Requests', 'History:Items', and 'Issues'. Below this menu, there is a 'Show 10 entries' dropdown and a search bar. A table with columns 'Item Name', 'Category', 'Stock', 'Delivered', 'Unit Price', and 'Vendor' is shown, but it contains no data, with the message 'No data available in table' displayed. At the bottom, it says 'Showing 0 to 0 of 0 entries' and includes 'Previous' and 'Next' navigation buttons.

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, I 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, I 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
-----------	----------	-------	-----------	------------	--------

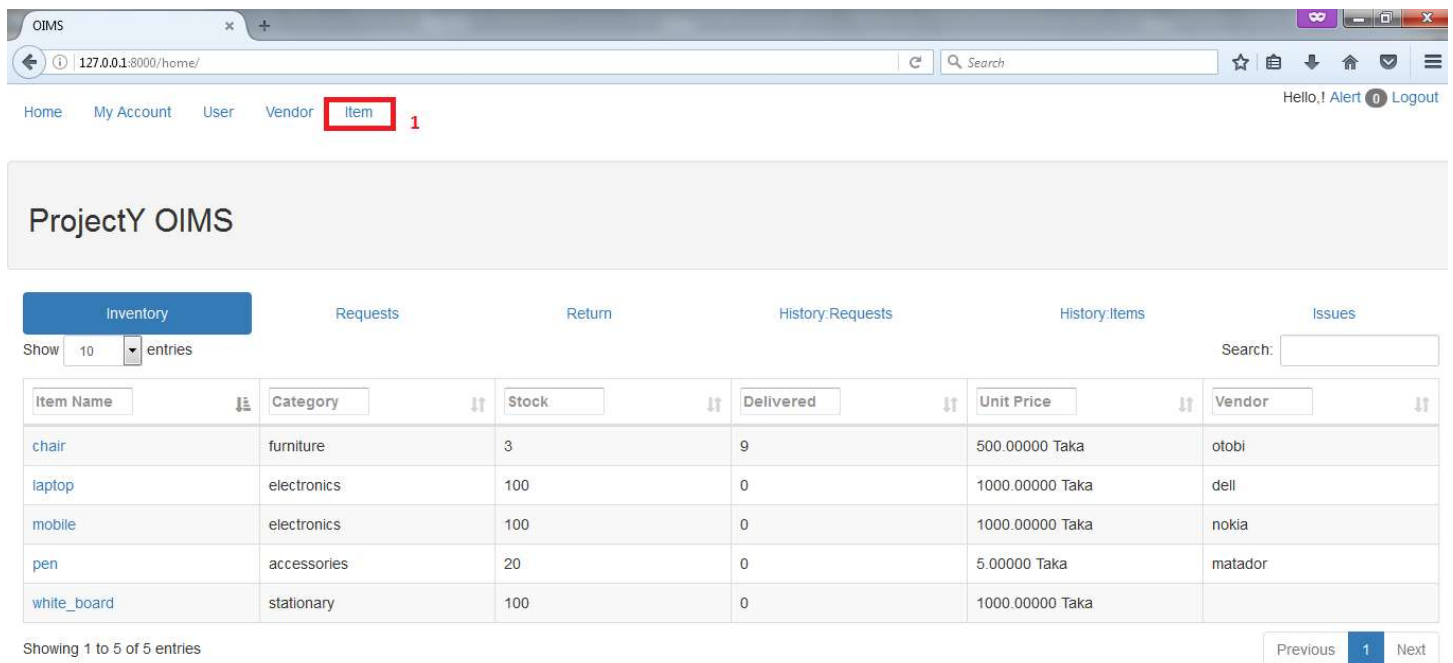
No data available in table

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 a web browser window with the URL `127.0.0.1:8000/home/`. The navigation bar includes links for Home, My Account, User, Vendor, and Item (highlighted with a red box and a '1' badge). The main header displays 'ProjectY OIMS'. Below the header, there are tabs for Inventory, Requests, Return, History:Requests, History:Items, and Issues. The 'Inventory' tab is active, showing a table of items. The table has columns for Item Name, Category, Stock, Delivered, Unit Price, and Vendor. The data rows are as follows:

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	

Below the table, it says 'Showing 1 to 5 of 5 entries'. At the bottom right, there are 'Previous', '1', and 'Next' navigation buttons.

OIMS

127.0.0.1:8000/item/

Home
My Account
User
Vendor
Item

Hello, ! Alert Logout

[Add existing items](#) **Add new Item 2**

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.

OIMS

127.0.0.1:8000/item/

Vendor
Item

Item Name:
lapt

Category:
elec

Item Quantity:
5

Minimum Quantity:
2

Unit Price:
50000

Description:
new laptop

Vendor Name:
dell

Add

This item under this category already exists, Pick a new name or choose a new category

OK

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