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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'

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

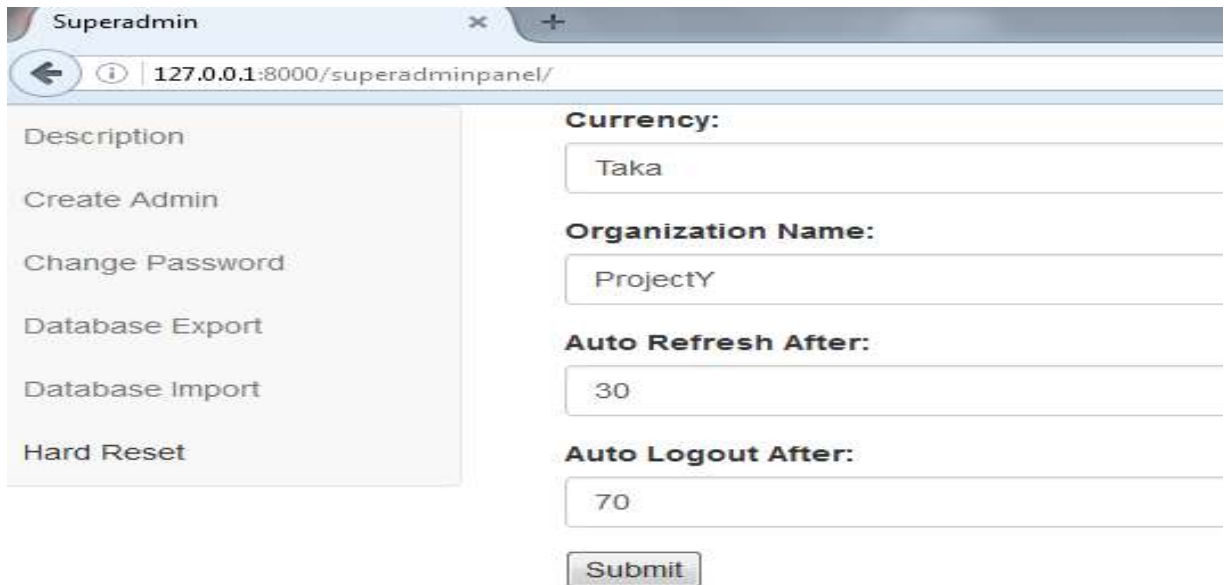
1. Description
2. Create Admin
3. Change password
4. Database Import
5. Database Export
6. Hard Reset

Description

Description contains the following properties:

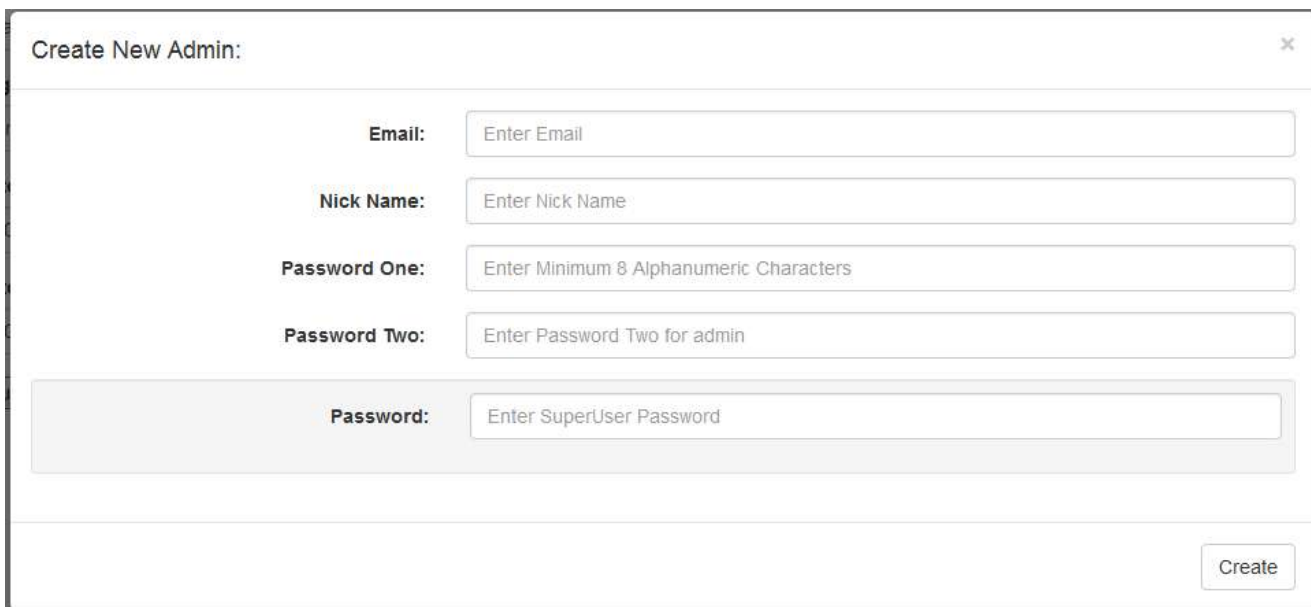
- I. Currency
- II. Organization name
- III. Auto Refresh After
- IV. Auto Logout After

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 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

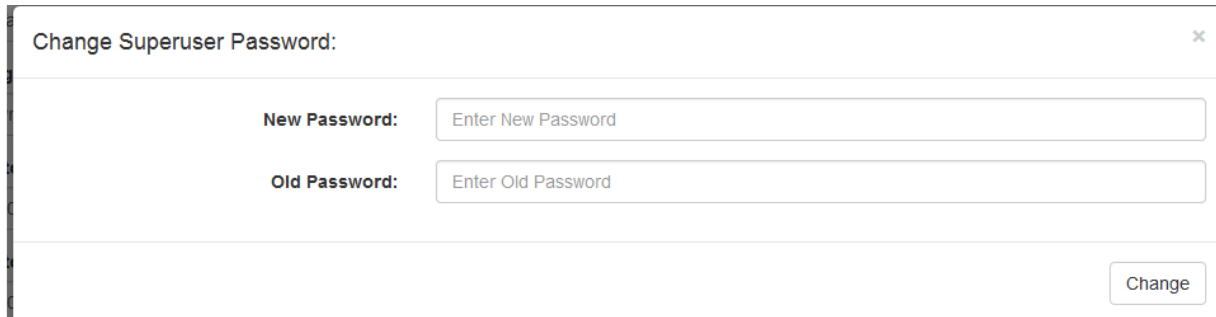


The screenshot shows a "Create New Admin" form with a close button (X) in the top right corner. The form contains the following fields: "Email:" with a text input containing "Enter Email"; "Nick Name:" with a text input containing "Enter Nick Name"; "Password One:" with a text input containing "Enter Minimum 8 Alphanumeric Characters"; "Password Two:" with a text input containing "Enter Password Two for admin"; and a "Password:" field (highlighted with a grey background) with a text input containing "Enter SuperUser Password". A "Create" button is located at the bottom right of the form.

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.



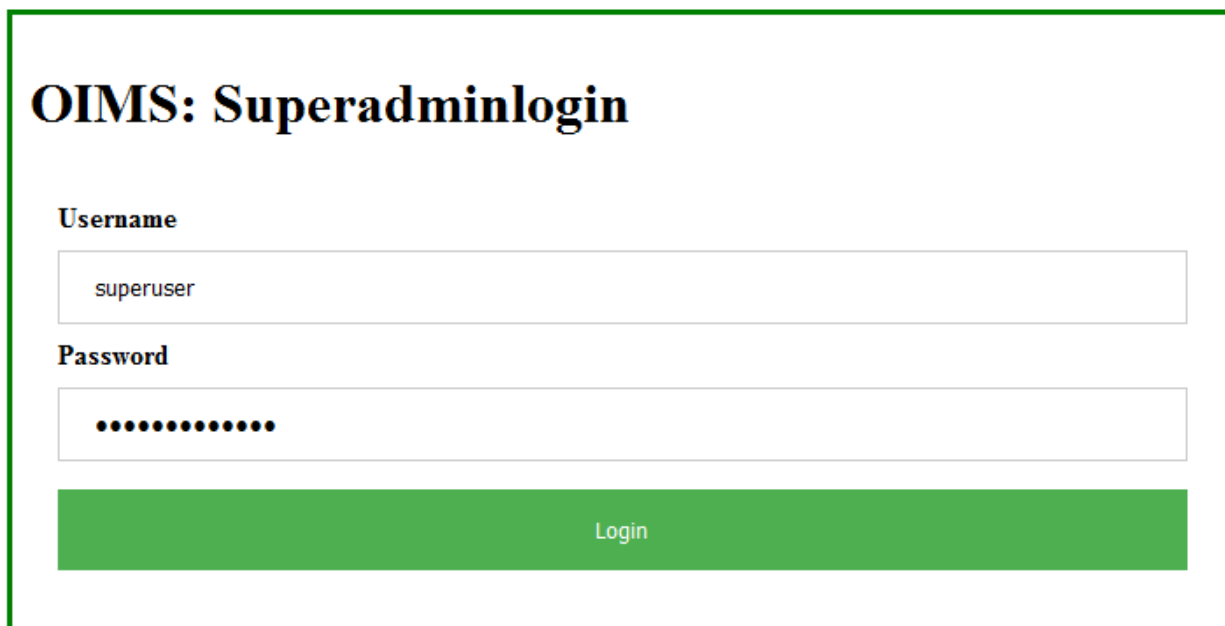
A dialog box titled "Change Superuser Password:" with a close button (X) in the top right corner. It contains two input fields: "New Password:" with placeholder text "Enter New Password" and "Old Password:" with placeholder text "Enter Old Password". A "Change" button is located at the bottom right.

Export/Import Database:

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

Hard Reset:

It's 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 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'. The 'User' menu item is highlighted with a red box, and a red '1' is positioned below it. The main content area features a header 'ProjectY OIMS' and a navigation bar with tabs: 'Inventory' (active), 'Requests', 'Return', 'History:Requests', 'History:Items', and 'Issues'. Below the tabs, there is a 'Show 10 entries' dropdown and a 'Search:' input field. A table with columns 'Item Name', 'Category', 'Stock', 'Delivered', 'Unit Price', and 'Vendor' is displayed, showing 'No data available in table'. At the bottom, it says 'Showing 0 to 0 of 0 entries' with 'Previous' and 'Next' 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
-----------	----------	-------	-----------	------------	--------

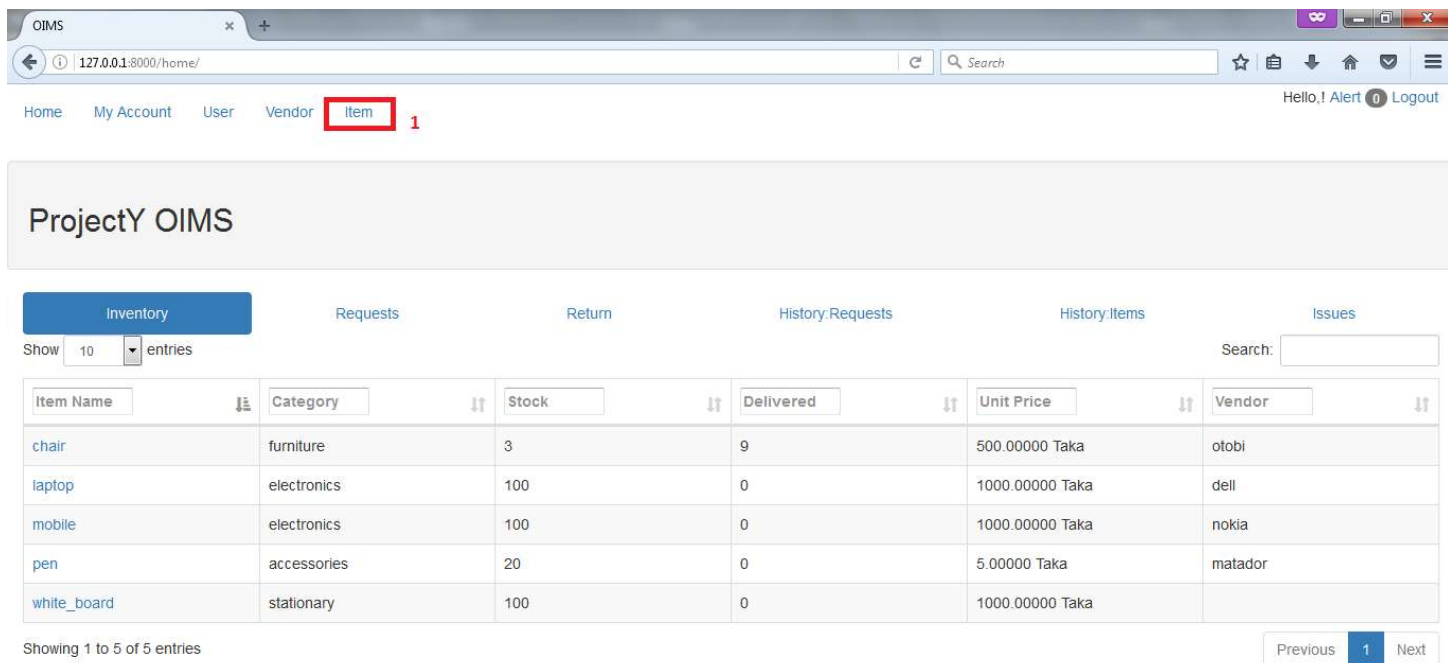
No data available in table

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:



ProjectY OIMS

Inventory Requests Return History:Requests History:Items Issues

Show 10 entries Search:

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	

Showing 1 to 5 of 5 entries Previous 1 Next

The screenshot shows a web browser window with the URL `127.0.0.1:8000/item/`. The page has a sidebar with links: Home, My Account, User, Vendor, and Item. The main content area has a header with 'Hello, ! Alert' and a 'Logout' link. Below the header, there are two buttons: 'Add existing items' and 'Add new Item' (the latter is highlighted with a red box and a red '2'). The form for adding a new item includes the following fields:

- Item Name:** A text input field with the placeholder 'Enter Item name'.
- Category:** A dropdown menu with the placeholder 'Choose Category'.
- Item Quantity:** A text input field with the placeholder 'Enter Item quantity'.
- Minimum Quantity:** A text input field with the placeholder 'Enter minimum quantity for alert'.
- Unit Price:** A text input field with the placeholder 'Enter Unit price of this item'.
- Description:** A text input field with the placeholder '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 with an error message dialog box displayed. The dialog box has a red border and contains the text: '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, showing the following values:

- 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