

# DCMP System

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## Docker Container Management Platform

### Features

- WEB MONITOR

Concise, efficient, data visualization

- SHELL MANAGEMENT

Efficient, responsive, second-level deployment

- ANALYSTICS

Data visualization, dynamic updates

- DEPLOY SERVICES

Multiple mirroring, load balancing, high availability

### Overview

- Promotion Page

PromotionPage

- Dashboard DashboardPage

The project is currently in the construction phase.

### Development Test Environment

- Python 3.6 (Recommend)
- Django 2.0 (Necessary)

### Third party plugins (Necessary)

- django-bootstrap3
- psutil
- docker-py

```
pip install django-bootstrap3
pip install psutil
pip install docker
```

## Usage

- Change admin's password(Administrator username: admin):

```
python manage.py changepassword
```

- Refresh & Synchronize the database:

```
python manage.py makemigrations  
python manage.py migrate
```

- Run the website

```
python manage.py runserver
```

## Update Logs

### **V2.2 Date :2018/4/21**

- Add system lib
- Add docker lib
- Fix login bugs

### **V2.1 Date :2018/4/18**

- Finish login/logout function
- Rewrite login static HTML page
- Fix bugs

### **V2.0 Date :2018/4/15**

- Use Model Form instead of traditional HTML forms
- Compact code
- Rewrite : Models , Views
- Add Django-BootStrap3 to render HTML Pages

### **V1.0 Date :2018/4/10**

- Finish Promotional page
- Finish Sending email
- Finish Saving Contacts
- Finish Interactive management terminal

## Schedule

- ☒ Promotional page
- ☒ Sending email
- ☒ Saving Contacts
- ☒ Interactive management terminal
- ☒ Login Page
- ☒ Login interface
- ☐ Docker Lib
- ☐ Docker monitoring