

## **Student Details Overview**

### **Steps to install Student Application**

```
django-admin.py startproject StudentWebsite
python manage.py startapp StudentApp
python manage.py validate
python manage.py sqlall StudentApp
```

### **MySQL Database Details**

```
DATABASES = {
    'default': {
        'ENGINE': 'django.db.backends.mysql',
        'NAME': 'studentsdb',
        'USER': 'XXXX',
        'PASSWORD': 'XXXX',
        'HOST': '127.0.0.1',
        'PORT': '3306',
    }
}
```

### **JavaScript Modules**

#### **Highcharts**

- <http://code.highcharts.com/modules/exporting.js>
- <http://code.highcharts.com/highcharts.js>

#### **Jquery**

- <http://ajax.googleapis.com/ajax/libs/jquery/1.9.1/jquery.min.js>

### **Insert MySQL sample data**

Load "studentapp.sql" into database

### **Models Used:**

Student

Subject

StudentMarks

### **How to start Django Development Server**

Django development server works on default port 8000  
python manage.py runserver 8000

## Access Home Page

http://127.0.0.1:8000/home/

## Admin Page:

The screenshot displays the Django administration interface in a web browser. The browser's address bar shows the URL `127.0.0.1:8000/admin/`. The page header includes the text "Django administration" and a welcome message for the user "admin", along with links to "Documentation", "Change password", and "Log out".

The main content area is titled "Site administration" and is divided into two columns. The left column contains a list of administrative sections, each with a table of actions:

Auth	
Groups	<a href="#">Add</a> <a href="#">Change</a>
Users	<a href="#">Add</a> <a href="#">Change</a>

  

Sites	
Sites	<a href="#">Add</a> <a href="#">Change</a>

  

Studentapp	
Student markss	<a href="#">Add</a> <a href="#">Change</a>
Students	<a href="#">Add</a> <a href="#">Change</a>
Subjects	<a href="#">Add</a> <a href="#">Change</a>

The right column is titled "Recent Actions" and contains a list of actions performed by the user, categorized under "My Actions". The actions are listed with their status (green plus for success, red X for failure) and the object type:

- [null](#) Subject
- [Subject](#)
- [sports](#) Subject
- [sports](#) Subject
- [sports](#) Subject
- [sports](#) Subject
- [sports](#) Subject
- [StudentMarks object](#) Student marks
- [StudentMarks object](#) Student marks
- [StudentMarks object](#) Student marks
- [StudentMarks object](#) Student marks

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Student Web Page

127.0.0.1:8000/home/

Student Details

[Admin](#)  
[Home](#)

Select Subject :

---Select---

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Student Web Page

127.0.0.1:8000/getMarksDetailsView/physics/

Student Details

[Admin](#)  
[Home](#)

Student Marks List for Physics :

Percentage Distribution for Physics

Range	Percentage
61-80	30.0 %
81-90	20.0 %
0-40	20.0 %
91-100	10.0 %
41-60	20.0 %

Firstname	Lastname	Subject	Marks
Nigel	Captain	physics	90
Bruce	Camel	physics	56
Bee	Goog	physics	90
Bite	Apple	physics	67
Cinderfred	Vee	physics	66
Fred	Camel	physics	42
Nite	Captain	physics	17
Pilip	Ubuntu	physics	100

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