

## Main Page

The screenshot shows a web browser window with the URL `127.0.0.1:8000`. The title bar says "Muhammad Waleed Final Paper". Below the title bar is a navigation menu with five buttons: "Home" (blue), "View Data" (orange), "Insert Data" (blue), "Delete Data" (orange), and "Update" (blue). The main content area is currently empty.

## Insert Data:

The screenshot shows a web browser window with the URL `127.0.0.1:8000/insertdata/`. The title bar says "Muhammad Waleed Final Paper". Below the title bar is a navigation menu with five buttons: "Home" (blue), "View Data" (orange), "Insert Data" (blue), "Delete Data" (orange), and "Update" (blue). The main content area contains a form with the following fields:

- Patient Name
- Father Name
- Phone Number
- Age
- Choose Gender (dropdown menu)
- CNIC
- Address
- Disease

A large blue "Submit" button is located at the bottom of the form.

## While Inserting Data:

The screenshot shows a web browser window with the URL `127.0.0.1:8000/`. The page title is "Muhammad Waleed Final Paper". A navigation bar at the top includes links for Home, View Data, Insert Data, Delete Data, and Update. The main content area contains several input fields for patient information:

- First Name: Muhammad Hamza
- Last Name: Mudassar Raza
- Phone Number: 03435982548
- Age: 18
- Gender: Male
- Address: 34104-7156281-7
- Disease: Wazirabad
- Diagnosis: Heart Attack

A "Submit" button is located at the bottom of the form.

## Admin Panel:

The screenshot shows the "Skills Based Employee Recommender System Admin Panel". The top navigation bar includes links for Home, Project, and Patients, along with a welcome message for "UMAIRHASHMI" and links for View Site, Change Password, and Log Out.

The main content area is titled "Select patient to change". It features a "ADD PATIENT" button with a plus sign. Below it is a search bar with the text "Action: ----- Go 0 of 2 selected".

There is a list of selection options:

- PATIENT
- Patient object (2)
- Patient object (1)

At the bottom, it says "2 patients".

## Data:

A screenshot of a web browser showing a Django admin interface for a patient record. The URL is 127.0.0.1:8000/admin/project/patient/2/change/. The form fields include:

- Pid: 2
- Pname: Muhammad Hamza
- PFathername: Mudassar Raza
- Pphone: 3435982
- Page: 18
- Pgender: M
- Pnic: 34104-7156281-7
- Paddress: Wazirabad
- Pdisease: Heart Attack
- Active
- Modified when: 2020-08-18 | Today |
- Note: You are 5 hours ahead of server time.
- Report status
- Slug: 2

## View Data:

A screenshot of a web browser showing a patient data view page. The URL is 127.0.0.1:8000/viewdata/. The page title is Muhammad Waleed Final Paper. The top navigation bar includes Home, View Data, Insert Data, Delete Data, and Update buttons. The main content is a table titled "View Patients".

Patient Name	Father Name	Phone Number	Age	Gender	Cnic	Disease	Address	Report Status	
Full-screen Snip									
Muhammad Waleed	Mudassar Raza	3165009006	21	M	34104-7156281-5	Headche	Ghakhar	Collected	<a href="#">Delete</a>
Muhammad Hamza	Mudassar Raza	3435982548	18	M	34104-7156281-7	Heart Attack	Wazirabad	Not Collected	<a href="#">Collect Report</a> <a href="#">Delete</a>

## Collect Report:

Patient Name	Father Name	Phone Number	Age	Gender	Cnic	Disease	Address	Report Status
Full-screen Snip								
Muhammad Waleed	Mudassar Raza	3165009006	21	M	34104-7156281-5	Headche	Ghakhar	Collected
Muhammad Hamza	Mudassar Raza	3435982548	18	M	34104-7156281-7	Heart Attack	Wazirabad	Collected

## View.py

```

import os
import re
from django.contrib.auth.admin import UserAdmin
import nltk
from django.contrib.auth.decorators import login_required
from array import array
import datetime
from django.contrib import messages
from django.contrib.auth import authenticate, login, logout
import PyPDF2
from django.core.files.storage import FileSystemStorage
from django.shortcuts import render, get_object_or_404, redirect
from django.conf import settings
from django.http import HttpResponseRedirect
from django.views import View
from django.views.generic import TemplateView, ListView, DetailView
from .forms import loginForm, job_data_insertion,
resume_data_into_databse, UserRegisterForm
from django.core.mail import send_mail
from .models import Job, intoresume, recommended, User, Type, FeedBack,
contactdbs, messeges, Patient
import string
import random
from django.utils.crypto import get_random_string
from textblob import TextBlob
from .utils import render_to_pdf
from django.http import HttpResponseRedirect
from django.template.loader import get_template

def gohome(request):
    return render(request, 'final.html')

```

```

def insertdata(request):
    if request.method == 'POST':
        pname=request.POST.get('pname')
        fname=request.POST.get('fname')
        phone=int(request.POST.get('phone'))
        age=int(request.POST.get('age'))
        gender=request.POST.get('gender')
        cnic=request.POST.get('cnic')
        address=request.POST.get('address')
        disease=request.POST.get('disease')

    obj=Patient.objects.create(Pid=1,Pname=pname,PFathername=fname,Pphone=phone
    ,Page=age,Pgender=gender,Pcnic=cnic,Paddress=address,Pdisease=disease)
    obj.save()
    obj1 =
Patient.objects.filter(Pname=pname,PFathername=fname,Pphone=phone,Page=age,
Pgender=gender,Pcnic=cnic,Paddress=address,Pdisease=disease)
    obj1.update(Pid=obj.id,slug=obj.id)

    return render(request,'insertdata.html')


def viewdata(request):
    obj=Patient.objects.all()
    param={'param':obj}
    return render(request,'viewdata.html',param)


def delpatient(request,slug):
    if (slug!=""):

        obj=Patient.objects.filter(slug=slug)
        obj.delete()
        return redirect('/viewdata/')
    return render(request,'viewdata.html')


def updatedata(request):
    obj=Patient.objects.all()
    param={
        'param':obj
    }
    if request.method == 'POST':
        Pid=request.POST.get("id")
        Pname=request.POST.get("pname")
        Pdisease=request.POST.get("disease")
        obj=Patient.objects.filter(Pid=Pid)
        obj.update(Pname=Pname,Pdisease=Pdisease)
        obj = Patient.objects.all()
        param = {
            'param': obj
        }
        return render(request, 'updatedata.html', param)
    return render(request,'updatedata.html',param)


def report(request,slug):
    if (slug!=""):
```

```

        obj=Patient.objects.filter(slug=slug)
        obj.update(report_status=True)
        obj1=Patient.objects.all()
        param = {
            'param': obj1
        }
        return render(request,'viewdata.html',param)
    return render(request,'viewdata.html')

```

## URLS.py

```

from django.urls import path,include
from . import views
from .views import ArticleDetailView, GeneratePDF

urlpatterns = [
    path('',views.gohome, name='final.html'),
    # path('',views.base, name='base.html'),
    path('insertdata/',views.insertdata, name='insertdata.html'),
    path('viewdata/',views.viewdata, name='viewdata.html'),
    path('delpatient/<slug>/',views.delpatient, name="delpatient"),
    path('updatedata/',views.updatedata, name="update"),
    path('report/<slug>/',views.report, name="report"),
]

```

## Models.py:

```

from datetime import datetime
from django.contrib.auth.models import User
from django.db import models
from django.shortcuts import reverse
from django.template.defaultfilters import slugify
from django.utils import timezone

class Patient(models.Model):
    Pid = models.IntegerField(max_length=15, blank=False)
    Pname = models.CharField(max_length=15, blank=True)
    PFathername = models.CharField(max_length=15, blank=True)
    Pphone=models.IntegerField(max_length=15,blank=False)
    Page = models.IntegerField(blank=False)
    Pgender = models.CharField(max_length=15, blank=False)
    Pnic = models.CharField(max_length=15, blank=False)
    Paddress=models.CharField(max_length=45,blank=True)
    Pdisease=models.CharField(max_length=35,blank=True)
    active=models.BooleanField(default=True)
    modified_when=models.DateField(default=timezone.now)

```

```

report_status=models.BooleanField(default=False)
slug = models.SlugField(null=True, blank=True)
def __str__(self):
    return self.pname

def get_absolute_urls(self):
    return reverse('delpatient', kwargs={'slug': self.slug})

def get_refer_urls(self):
    return reverse('report', kwargs={'slug': self.slug})

class Report(models.Model):
    pid = models.ForeignKey(Patient, on_delete=models.CASCADE)
    Report_name=models.CharField(max_length=15,blank=True)
    Report_type=models.CharField(max_length=15,blank=True)
    Report_Date=models.CharField(max_length=15,blank=True)
    Report_fee=models.IntegerField(max_length=15,blank=True)

    def __str__(self):
        return self.Report_name

```

### Insertdata.html:

```

<!DOCTYPE html>
{%
    load static %
}
<html lang="en">
<head>
    <title>Final Paper</title>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1,
shrink-to-fit=no"/>
    <link rel="stylesheet" type="text/css" href="{%static
'css/style.css'%}">
    <link
    href="https://fonts.googleapis.com/css?family=Source+Sans+Pro:300,400,600,7
00&display=swap" rel="stylesheet"/>

    <link rel="stylesheet" href="{%static 'css/open-iconic-
bootstrap.min.css'%}">
    <link rel="stylesheet" href="{%static 'css/animate.css'%}">

    <link rel="stylesheet" href="{%static 'css/owl.carousel.min.css'%}">
    <link rel="stylesheet" href="{%static
'css/owl.theme.default.min.css'%}">
    <link rel="stylesheet" href="{%static 'css/magnific-popup.css'%}">

    <link rel="stylesheet" href="{%static 'css/aos.css' %}">
    <link rel="stylesheet" href="{%static 'css/ionicons.min.css'%}">

    <link rel="stylesheet" href="{%static 'css/bootstrap-
datepicker.css'%}">
    <link rel="stylesheet" href="{%static 'css/jquery.timepicker.css'%}">

```

```

<link rel="stylesheet" href="{%static 'css/flaticon.css'%}" />
<link rel="stylesheet" href="{%static 'css/icomoon.css'%}" />
<link rel="stylesheet" href="{%static 'css/style.css'%}" />

<title>Title</title>
</head>
<body>

<nav class="navbar navbar-expand-lg navbar-dark ftco-navbar bg-dark ftco-navbar-light" id="ftco-navbar">
    <div class="container-fluid px-md-4">
        <a class="nav-item cta mr-md-1" href="/">Muhammad Waleed Final Paper</a>
        <button class="navbar-toggler" type="button" data-toggle="collapse" data-target="#ftco-nav" aria-controls="ftco-nav" aria-expanded="false" aria-label="Toggle navigation">
            <span class="oi oi-menu"></span> Menu
        </button>

        <div class="collapse navbar-collapse" id="ftco-nav">
            <ul class="navbar-nav ml-auto">
                <li class="nav-item cta mr-md-1"><a href="/" class="nav-link">Home</a></li>
                <li class="nav-item cta cta-colored"><a href="/viewdata/" class="nav-link">View Data</a></li>
                <li class="nav-item cta mr-md-1"><a href="/insertdata/" class="nav-link">Insert Data</a></li>
                <li class="nav-item cta cta-colored"><a href="/deldata/" class="nav-link">Delete Data</a></li>
                <li class="nav-item cta mr-md-1"><a href="/updatedata/" class="nav-link">Update</a></li>
            </ul>
        </div>
    </div>
</nav>
<!-- END nav -->

<section class="ftco-section contact-section bg-light">
<div class="container" >
    <div class="row block-9">
        <div class="col-md-6 order-md-last d-flex" style="margin-left:25%">
<form action="/insertdata/" class="bg-white p-5 contact-form" method="post" enctype="multipart/form-data">
    {% csrf_token %}
    <div class="form-group" >
        <input type="text" class="form-control" placeholder="Patient Name" id="pname" name="pname" >
    </div>
    <div class="form-group" >
        <input type="text" class="form-control" placeholder="Father Name" id="fname" name="fname" >
    </div>
    <div class="form-group" >

```

```
        <input type="number" class="form-control"
placeholder="Phone Number" id="phone" name="phone">
    </div>
    <div class="form-group">
        <input type="number" required class="form-control"
placeholder="Age" id="age" name="age">
    </div>

    <select class="form-control" id="gender" data-live-search="true"
name="gender" onchange="jobMatchingCandidates('count');">
        <option value="">Choose Gender</option>
        <option value="M" >Male</option>
        <option value="F" >Female</option>
        <option value="O" >Other</option>
    </select>

        <div class="form-group">
            <input type="text" class="form-control" placeholder="CNIC"
id="cnic" name="cnic">
        </div>

        <div class="form-group">
            <input type="text" class="form-control"
placeholder="Address " id="address" name="address">
        </div>
        <div class="form-group">
            <input type="text" class="form-control"
placeholder="Disease " id="disease" name="disease">
        </div>

<div class="form-group">
    <input type="submit" value="Submit" class="btn btn-primary
py-3 px-5">
</div>

</form>
    </div>
</div>
</section>

</body>
</html>
```

## Viewdata.html:

```
<!DOCTYPE html>
{%
  load static %
}
<html lang="en">
<head>
  <title>Final Paper</title>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1,
shrink-to-fit=no"/>
  <link rel="stylesheet" type="text/css" href="{%static
'css/style.css'%}" />
  <link
  href="https://fonts.googleapis.com/css?family=Source+Sans+Pro:300,400,600,7
00&display=swap" rel="stylesheet"/>

  <link rel="stylesheet" href="{%static 'css/open-iconic-
bootstrap.min.css'%}" />
  <link rel="stylesheet" href="{%static 'css/animate.css'%}" />

  <link rel="stylesheet" href="{%static 'css/owl.carousel.min.css'%}" />
  <link rel="stylesheet" href="{%static
'css/owl.theme.default.min.css'%}" />
  <link rel="stylesheet" href="{%static 'css/magnific-popup.css'%}" />

  <link rel="stylesheet" href="{%static 'css/aos.css' %}" />

  <link rel="stylesheet" href="{%static 'css/ionicons.min.css'%}" />

  <link rel="stylesheet" href="{%static 'css/bootstrap-
datepicker.css'%}" />
  <link rel="stylesheet" href="{%static 'css/jquery.timepicker.css'%}" />

  <link rel="stylesheet" href="{%static 'css/flaticon.css'%}" />
  <link rel="stylesheet" href="{%static 'css/icomoon.css'%}" />
  <link rel="stylesheet" href="{%static 'css/style.css'%}" />

<title>Title</title>

<style>

  .container{
    margin: 20px;
  }

/* autocomplete tagsinput*/
.label-info {
  background-color: #5bc0de;
  display: inline-block;
  padding: 0.2em 0.6em 0.3em;
  font-size: 75%;
  font-weight: 700;
  line-height: 1;
  color: #fff;
  text-align: center;
  white-space: nowrap;
  vertical-align: baseline;
  border-radius: 0.25em;
}
```

```

}

table {
    border-collapse: collapse;
    width: 100%;
}

th, td {
    text-align: left;
    padding: 28px;
}

tr:nth-child(even){background-color: #f2f2f2}

th {
    background-color: #4CAF50;
    color: white;
}

</style>
</head>
<body>

<nav class="navbar navbar-expand-lg navbar-dark ftco-navbar bg-dark ftco-navbar-light" id="ftco-navbar">
    <div class="container-fluid px-md-4" >
        <a class="nav-item cta mr-md-1" href="/">Muhammad Waleed Final Paper</a>
        <button class="navbar-toggler" type="button" data-toggle="collapse" data-target="#ftco-nav" aria-controls="ftco-nav" aria-expanded="false" aria-label="Toggle navigation">
            <span class="oi oi-menu"></span> Menu
        </button>

        <div class="collapse navbar-collapse" id="ftco-nav">
            <ul class="navbar-nav ml-auto">
                <li class="nav-item cta mr-md-1"><a href="/" class="nav-link">Home</a></li>
                <li class="nav-item cta cta-colored"><a href="/viewdata/" class="nav-link">View Data</a></li>
                <li class="nav-item cta mr-md-1"><a href="/insertdata/" class="nav-link">Insert Data</a></li>
                <li class="nav-item cta cta-colored"><a href="/deldata/" class="nav-link">Delete Data</a></li>
                <li class="nav-item cta mr-md-1"><a href="/updatedata/" class="nav-link">Update</a></li>
            </ul>
        </div>
    </div>
</nav>
<!-- END nav -->

<section class="ftco-section contact-section bg-light">
    <div class="container" >
        <div class="row block-9">
            <div class="col-md-12 col-12 order-md-last d-flex" >

```

```

<form class="bg-white p-5 contact-form" >

    <h2 style="color: blue">View Patients</h2>

    <table>
        <tr>
            <th>Patient Name</th>
            <th>Father Name</th>
            <th>Phone Number</th>
            <th>Age</th>
            <th>Gender</th>
            <th>Cnic</th>
            <th>Disease</th>
            <th>Address</th>
            <th>Report Status</th>
            <th></th>
        </tr>
        {%for finaldat in param%}
        <!-- <tr>% url 'show_menuitem' menuitem_slug=item.slug
-->
        <td>{{finaldat.Pname}}</td>
        <td>{{finaldat.PFathername}}</td>
        <td>{{finaldat.Pphone}}</td>
        <td>{{finaldat.Page}}</td>
        <td>{{finaldat.Pgender}}</td>
        <td>{{finaldat.Pcnic}}</td>
        <td>{{finaldat.Pdisease}}</td>
        <td>{{finaldat.Paddress}}</td>
        {% if finaldat.report_status == False %}
        <td>Not Collected</td>
        {% else %}
        <td>Collected</td>
        {% endif %}
        {% if finaldat.report_status == False %}
        <td><a href="{{ finaldat.get_refer_urls
}}><input value="Collect Report" class="btn btn-primary py-3 px-5"></a></td>
        {% endif %}
        <td><a href="{{ finaldat.get_absolute_urls
}}>Delete</a></td>
    </tr>
    {%endfor%}
</table>

</form>

</div>
</div>
</section>

```

```
</body>
</html>
```

### Updatedata.html:

```
<!DOCTYPE html>
{%
  load static %}
<html lang="en">
<head>
  <title>Final Paper</title>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1,
shrink-to-fit=no"/>
  <link rel="stylesheet" type="text/css" href="{%static
'css/style.css'%}">
  <link
  href="https://fonts.googleapis.com/css?family=Source+Sans+Pro:300,400,600,7
00&display=swap" rel="stylesheet"/>

  <link rel="stylesheet" href="{%static 'css/open-iconic-
bootstrap.min.css'%}">
  <link rel="stylesheet" href="{%static 'css/animate.css'%}">

  <link rel="stylesheet" href="{%static 'css/owl.carousel.min.css'%}">
  <link rel="stylesheet" href="{%static
'css/owl.theme.default.min.css'%}">
  <link rel="stylesheet" href="{%static 'css/magnific-popup.css'%}">

  <link rel="stylesheet" href="{%static 'css/aos.css' %}">
  <link rel="stylesheet" href="{%static 'css/ionicons.min.css'%}">

  <link rel="stylesheet" href="{%static 'css/bootstrap-
datepicker.css'%}">
  <link rel="stylesheet" href="{%static 'css/jquery.timepicker.css'%}">

  <link rel="stylesheet" href="{%static 'css/flaticon.css'%}">
  <link rel="stylesheet" href="{%static 'css/icomoon.css'%}">
  <link rel="stylesheet" href="{%static 'css/style.css'%}">

<title>Title</title>

<style>
  .container{
    margin: 20px;
  }
}
```

```

/* autocomplete tagsinput*/
.label-info {
    background-color: #5bc0de;
    display: inline-block;
    padding: 0.2em 0.6em 0.3em;
    font-size: 75%;
    font-weight: 700;
    line-height: 1;
    color: #fff;
    text-align: center;
    white-space: nowrap;
    vertical-align: baseline;
    border-radius: 0.25em;
}

table {
    border-collapse: collapse;
    width: 100%;
}

th, td {
    text-align: left;
    padding: 28px;
}

tr:nth-child(even) {background-color: #f2f2f2}

th {
    background-color: #4CAF50;
    color: white;
}

</style>
</head>
<body>

<nav class="navbar navbar-expand-lg navbar-dark ftco-navbar bg-dark ftco-navbar-light" id="ftco-navbar">
    <div class="container-fluid px-md-4">
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        <button class="navbar-toggler" type="button" data-toggle="collapse" data-target="#ftco-nav" aria-controls="ftco-nav" aria-expanded="false" aria-label="Toggle navigation">
            <span class="oi oi-menu"></span> Menu
        </button>

        <div class="collapse navbar-collapse" id="ftco-nav">
            <ul class="navbar-nav ml-auto">
                <li class="nav-item cta mr-md-1"><a href="/" class="nav-link">Home</a></li>
                <li class="nav-item cta cta-colored"><a href="/viewdata/" class="nav-link">View Data</a></li>
                <li class="nav-item cta mr-md-1"><a href="/insertdata/" class="nav-link">Insert Data</a></li>
                <li class="nav-item cta cta-colored"><a href="/deldata/" class="nav-link">Delete Data</a></li>
                <li class="nav-item cta mr-md-1"><a href="/updatedata/">

```

```

class="nav-link">Update</a></li>

        </ul>
    </div>
</div>
</nav>
<!-- END nav -->

<section class="ftco-section contact-section bg-light">
    <div class="container" >
        <div class="row block-9">
            <div class="col-md-12 col-12 order-md-last d-flex" >
                <form class="bg-white p-5 contact-form" >

{%-for finaldat in error%}
    {{error}}
{%- endfor %}
    <h2 style="color: blue">View Patients</h2>

        <table>
            <tr>
                <th>Patient Id</th>
                <th>Patient Name</th>
                <th>Disease</th>
                <th></th>
            </tr>
            {%for finaldat in param%}
                <!-- <tr>% url 'show_menuitem' menuitem_slug=item.slug
-->
                <td>{{finaldat.Pid}}</td>
                <td>{{finaldat.Pname}}</td>
                <td>{{finaldat.Pdisease}}</td>

                </tr>
            {%endfor%}
        </table>

    </form>
</div>

</div>
</div>
</section>

<form action="/updatedata/" class="bg-white p-5 contact-form" method="post"
enctype="multipart/form-data">
    {% csrf_token %}
    <div class="form-group" >
        <input type="text" class="form-control"
placeholder="Enter Patient ID" id="id" name="id" >

    </div>
    <div class="form-group">
        <input type="text" class="form-control" placeholder="Enter

```

```
Patinet Name" id="pname" name="pname">
    </div>
    <div class="form-group">
        <input type="text" class="form-control" placeholder="Enter
Disease" id="disease" name="disease">
    </div>

<div class="form-group">
    <input type="submit" value="Update" class="btn btn-primary
py-3 px-5">
</div>

</form>

</body>
</html>
```

---

---