* Internship -Programming in Java in Steps Development Centre, Kottayam
* Workshop -Ethical Hacking &CTF

**ACHIEVEMENTS**

* Won prices in Sports- Race -200M
* Volunteer in Oorja -sport
* **An Embedded System for Vehicle Surrounding Monitoring**

It is a low-cost driving assistant system which can provide the surrounding image of a vehicle in

A bird's- eye view.

* **Virtual Assistant with Embedded Image Recognition**

This is a virtual assistant with embedded image recognition capabilities to assist the end user

Through Weather forecasting, launching applications, News imparting, real time image

Recognition. Frontend is done using java script, css, html and backend by react.js, electron.js,

Tensor flow.js, Tensor flow for Python.

**SEMINAR (ACADEMIC)**

**DECLARATION**

I, hereby solemnly declare that, the above furnished particulars are true to the best of my knowledge and

Belief.

PLACE: Krishnapriya S Nair

DATE:

View page code

from django.shortcuts import render,redirect  
  
# Create your views here.  
from todoapp.forms import UserRegistrationForm,LoginForm,TodoForm,TodoChangeForm  
from django.views.generic import CreateView,View,TemplateView,ListView,DetailView,UpdateView  
from django.contrib.auth.models import User  
from django.urls import reverse\_lazy  
from django.contrib.auth import authenticate,login,logout  
from todoapp.models import Todos  
from todoapp.decorators import sign\_in\_required  
from django.utils.decorators import method\_decorator  
  
class SignUpView(CreateView):  
 model = User  
 form\_class = UserRegistrationForm  
 template\_name = "registration.html"  
 success\_url = reverse\_lazy("signin")  
class SignInView(View):  
 def get(self,request,\*args,\*\*kwargs):  
 form=LoginForm()  
 return render(request,"login.html",{"form":form})  
 def post(self,request,\*args,\*\*kwargs):  
 form=LoginForm(request.POST)  
 if form.is\_valid():  
 username=form.cleaned\_data.get("username")  
 password=form.cleaned\_data.get("password")  
 user=authenticate(request,username=username,password=password)  
 if user:  
 login(request,user)  
 return redirect("home")  
 else:  
 return render(request,"login.html",{"form":form})  
 else:  
 return render(request, "login.html", {"form": form})  
@method\_decorator(sign\_in\_required,name="dispatch")  
class UserHome(TemplateView):  
 template\_name = "userhome.html"  
 def get(self,request,\*args,\*\*kwargs):  
 if request.user.is\_authenticated:  
 return render(request,self.template\_name)  
 else:  
 return redirect("signin")  
@method\_decorator(sign\_in\_required,name="dispatch")  
class TodoCreateView(CreateView):  
 model = Todos  
 form\_class = TodoForm  
 template\_name = "add\_todo.html"  
 success\_url = reverse\_lazy("home")  
 def post(self, request, \*args, \*\*kwargs):  
 form=TodoForm(request.POST)  
 if form.is\_valid():  
 todo=form.save(commit=False)  
 todo.user=request.user  
 todo.save()  
 return redirect("home")  
 else:  
 return render(request,self.template\_name,{"form":form})  
@method\_decorator(sign\_in\_required,name="dispatch")  
class MyTodos(ListView):  
 model = Todos  
 template\_name = "list\_todos.html"  
 context\_object\_name = "todos"  
 def get\_queryset(self):  
 qs=Todos.objects.filter(user=self.request.user)  
 return qs  
  
  
 """def get(self,request,\*args,\*\*kwargs):  
 qs=Todos.object.filter(user=request.user)  
 return render(request,self.template\_name,{"todos":qs})"""  
class TodoDetail(DetailView):  
 model = Todos  
 template\_name = "todo\_detail.html"  
 context\_object\_name = "todo"  
 pk\_url\_kwarg = "id"  
@method\_decorator(sign\_in\_required,name="dispatch")  
class EditTodo(UpdateView):  
 model = Todos  
 form\_class = TodoChangeForm  
 template\_name = "edit\_todo.html"  
 context\_object\_name = "todo"  
 pk\_url\_kwarg = "id"  
 success\_url = reverse\_lazy("alltodos")  
@sign\_in\_required  
def remove\_todo(request,id):  
 todo=Todos.objects.get(id=id)  
 todo.delete()  
 return redirect("alltodos")  
@sign\_in\_required  
def sign\_out(request):  
 logout(request)  
 return redirect("signin")

model page code

from django.db import models  
  
# Create your models here.  
from django.contrib.auth.models import User  
class Todos(models.Model):  
 hos\_name=models.CharField(max\_length=120)  
  
 completed=models.BooleanField(default=False)  
 user=models.ForeignKey(User,on\_delete=models.CASCADE)  
 created\_date=models.DateField(auto\_now\_add=True)  
 def \_\_str\_\_(self):  
 return self.hos\_name

urls page

from django.urls import path  
from todoapp import views  
urlpatterns=[  
 path("accounts/register",views.SignUpView.as\_view(),name="register"),  
 path("accounts/login",views.SignInView.as\_view(),name="signin"),  
 path("add",views.TodoCreateView.as\_view(),name="createtodo"),  
 path("home",views.UserHome.as\_view(),name="home"),  
 path("all",views.MyTodos.as\_view(),name="alltodos"),  
 path("detail/<int:id>",views.TodoDetail.as\_view(),name="tododetail"),  
 path("todo/change/<int:id>",views.EditTodo.as\_view(),name="changetodo"),  
 path("todo/remove/<int:id>",views.remove\_todo,name="delete"),  
 path("accounts/logout",views.sign\_out,name="signout"),  
  
]

forms page

from django.forms import ModelForm  
from django.contrib.auth.forms import UserCreationForm  
from django.contrib.auth.models import User  
from django import forms  
from todoapp.models import Todos  
class UserRegistrationForm(UserCreationForm):  
 password1=forms.CharField(widget=forms.PasswordInput(attrs={"class":"form-control"}))  
 password2 = forms.CharField(widget=forms.PasswordInput(attrs={"class":"form-control"}))  
 class Meta:  
 model=User  
 fields=[  
 "first\_name",  
 "email",  
 "username",  
 "password1",  
 "password2",  
 ]  
 widgets={  
 "first\_name":forms.TextInput(attrs={"class":"form-control"}),  
 "email": forms.EmailInput(attrs={"class": "form-control"}),  
 "username": forms.TextInput(attrs={"class": "form-control"}),  
  
  
 }  
class LoginForm(forms.Form):  
 username=forms.CharField(widget=forms.TextInput(attrs={"class":"form-control"}))  
 password=forms.CharField(widget=forms.PasswordInput(attrs={"class":"form-control"}))  
class TodoForm(forms.ModelForm):  
 class Meta:  
 model=Todos  
 fields=[  
 "hos\_name"  
  
  
 ]  
 widgets={  
 "hos\_name":forms.TextInput(attrs={"class":"form-control"})  
  
 }  
class TodoChangeForm(TodoForm):  
 class Meta:  
 model=Todos  
 fields=[  
 "hos\_name",  
  
 "completed"  
 ]  
 widgets={  
 "hos\_name":forms.TextInput(attrs={"class":"form-control"}),  
  
  
  
 }

decoraters page

from django.shortcuts import redirect  
def sign\_in\_required(view):  
 def wrapper(request,\*args,\*\*kwargs):  
 if request.user.is\_authenticated:  
 return view(request,\*args,\*\*kwargs)  
 else:  
 return redirect("signin")  
 return wrapper

templates

add todo

{%extends 'base.html'%}  
{%block body\_block%}  
<div class="row">  
 <div class="col-2"></div>  
 <div class="col-8">  
 <form action="" method="post">  
 {%csrf\_token%}  
 {{form.as\_p}}  
 <input type="submit" value="create" class="btn btn-primary">  
 </form>  
 </div>  
 <div class="col-2"></div>  
 </div>  
{%endblock%}

Base

<!DOCTYPE html>  
{%load static%}  
<html lang="en">  
<head>  
 <meta charset="UTF-8">  
 <title>REGISTRATION FORM</title>  
 <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.1.3/dist/css/bootstrap.min.css" rel="stylesheet" integrity="sha384-1BmE4kWBq78iYhFldvKuhfTAU6auU8tT94WrHftjDbrCEXSU1oBoqyl2QvZ6jIW3" crossorigin="anonymous">  
 <link rel="stylesheet" href="{%static 'css/style.css'%}">  
</head>  
<body>  
<div class="container">  
 <a href="{%url 'signout' %}" class="btn btn-dark">logout</a>  
 {%block body\_block%}  
 {%endblock%}  
</div>  
</body>  
</html>

Edit todo

{%extends 'base.html'%}  
{%block body\_block%}  
<div class="row">  
 <div class="col-2"></div>  
 <div class="col-8">  
 <form action="" method="post">  
 {%csrf\_token%}  
 {{form.as\_p}}  
 <input type="submit" value="edit" class="btn btn-primary">  
 </form>  
 </div>  
 <div class="col-2"></div>  
 </div>  
{%endblock%}

List

{%extends 'base.html'%}  
{%block body\_block%}  
<div class="row">  
 <div class="col-2"></div>  
 <div class="col-8">  
 <table class="table">  
 <tr>  
 <th>Task\_name</th>  
 <th>Slots</th>  
 <th>Avilable\_Stocks</th>  
 <th>Status</th>  
 <th>Created Date</th>  
 </tr>  
 {%for todo in todos%}  
 <tr>  
 <td>{{todo.hos\_name}}</td>  
 <td>{{todo.slots}}</td>  
 <td>{{todo.avilable\_stocks}}</td>  
 <td>{{todo.completed}}</td>  
 <td>{{todo.created\_date}}</td>  
 <td>  
 <a href="{%url 'tododetail' todo.id%}" class="btn btn-outline-primary">View</a>  
 <a href="{%url 'changetodo' todo.id%}" class="btn btn-outline-warning">Edit</a>  
 <a href="{%url 'delete' todo.id%}" class="btn btn-outline-danger">Delete</a>  
 </td>  
 </tr>  
 {%endfor%}  
 </table>  
 </div>  
 <div class="col-2"></div>  
 </div>  
{%endblock%}

Login

<!DOCTYPE html>  
<html lang="en">  
<head>  
 <meta charset="UTF-8">  
 <title>Title</title>  
 <!-- CSS only -->  
<link href="https://cdn.jsdelivr.net/npm/bootstrap@5.1.3/dist/css/bootstrap.min.css" rel="stylesheet" integrity="sha384-1BmE4kWBq78iYhFldvKuhfTAU6auU8tT94WrHftjDbrCEXSU1oBoqyl2QvZ6jIW3" crossorigin="anonymous">  
</head>  
<body>  
<div class="container">  
 <div class="row">  
 <div class="col-2"></div>  
 <div class="col-8">  
 <form action="" method="post">  
 {%csrf\_token%}  
 {{form.as\_p}}  
 <input type="submit" value="login" class="btn btn-primary">  
 </form>  
 </div>  
 <div class="col-2"></div>  
 </div>  
</div>  
</body>  
</html>

Registration

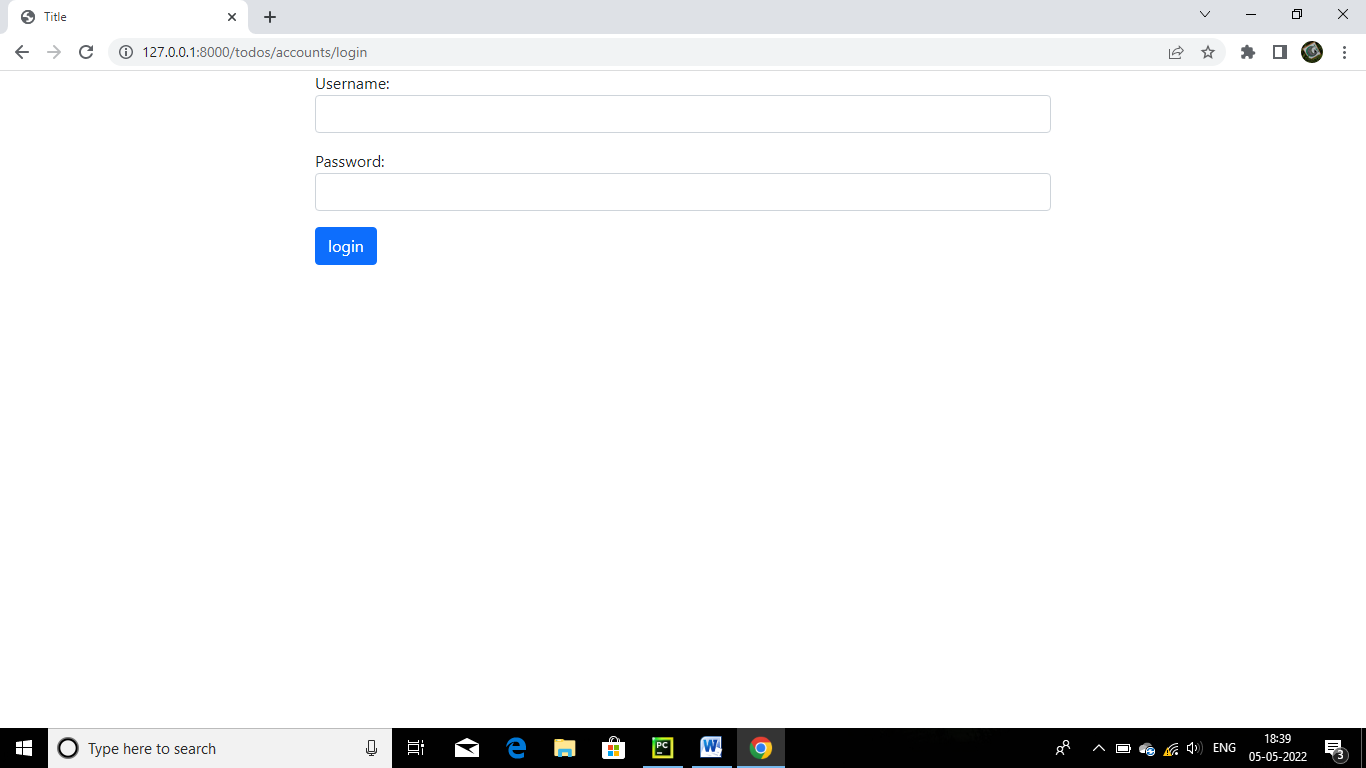
<!DOCTYPE html>  
<html lang="en">  
<head>  
 <meta charset="UTF-8">  
 <title>USER REGISTRATION FORM</title>  
 <!-- CSS only -->  
<link href="https://cdn.jsdelivr.net/npm/bootstrap@5.1.3/dist/css/bootstrap.min.css" rel="stylesheet" integrity="sha384-1BmE4kWBq78iYhFldvKuhfTAU6auU8tT94WrHftjDbrCEXSU1oBoqyl2QvZ6jIW3" crossorigin="anonymous">  
</head>  
<body>  
<div class="container">  
 <div class="row">  
 <div class="col-2"></div>  
 <div class="col-8">  
 <form action="" method="post">  
 {%csrf\_token%}  
 {{form.as\_p}}  
 <input type="submit" value="register" class="btn btn-primary">  
 </form>  
 </div>  
 <div class="col-2"></div>  
 </div>  
</div>  
</body>  
</html>

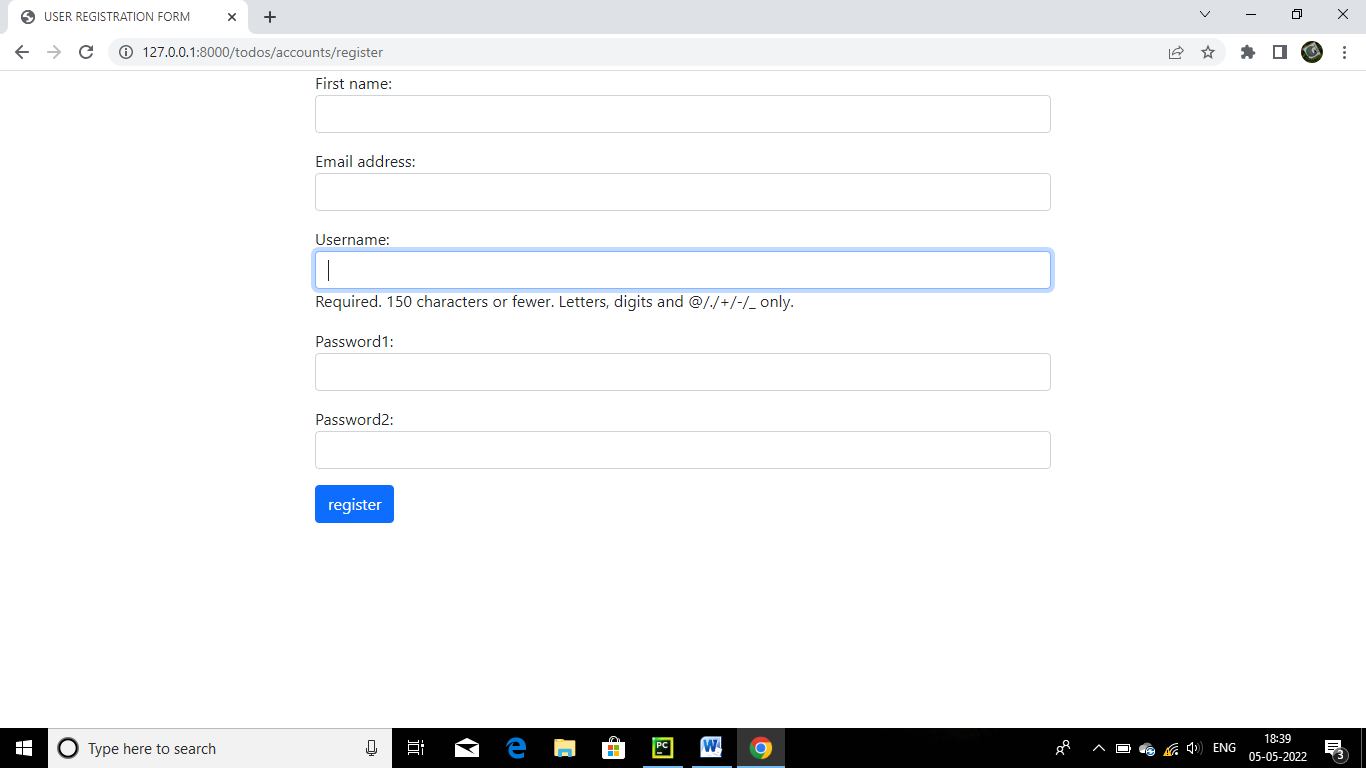
Todo detail

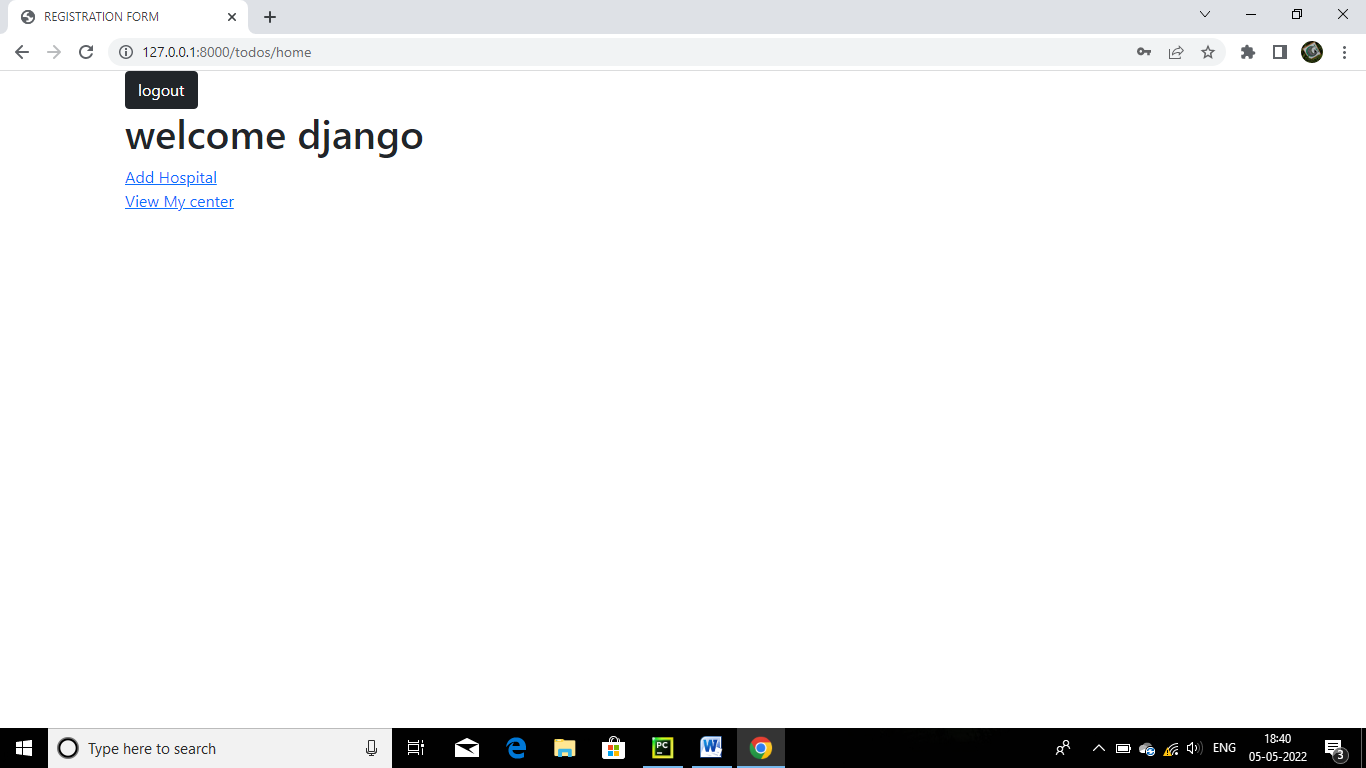
{%extends 'base.html'%}  
{%block body\_block%}  
<div class="row">  
 <div class="col-2"></div>  
 <div class="col-8">  
 <div class="card">  
 <h5 class="card-header">TodoDetail</h5>  
 <div class="card-body">  
 <h5 class="card-title">{{todo.hos\_name}}</h5>  
  
 <p class="card-text">completed status:{{todo.completed}}</p>  
 <p class="card-text">completed status:{{todo.created\_date}}</p>  
 <p class="card-text">completed status:{{todo.user}}</p>  
  
  
 <a href="#" class="btn btn-primary">Go somewhere</a>  
 </div>  
 </div>  
 </div>  
 <div class="col-2"></div>  
 </div>  
{%endblock%}

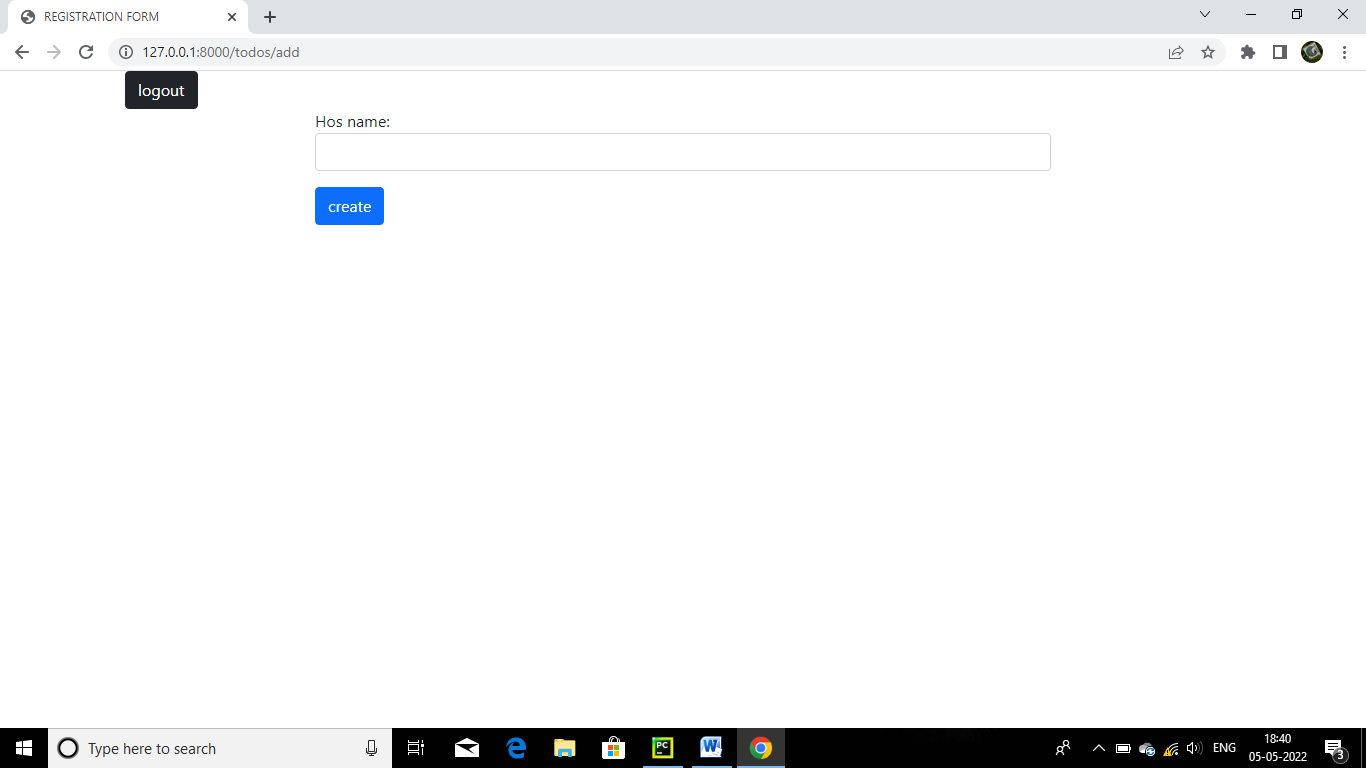
User home

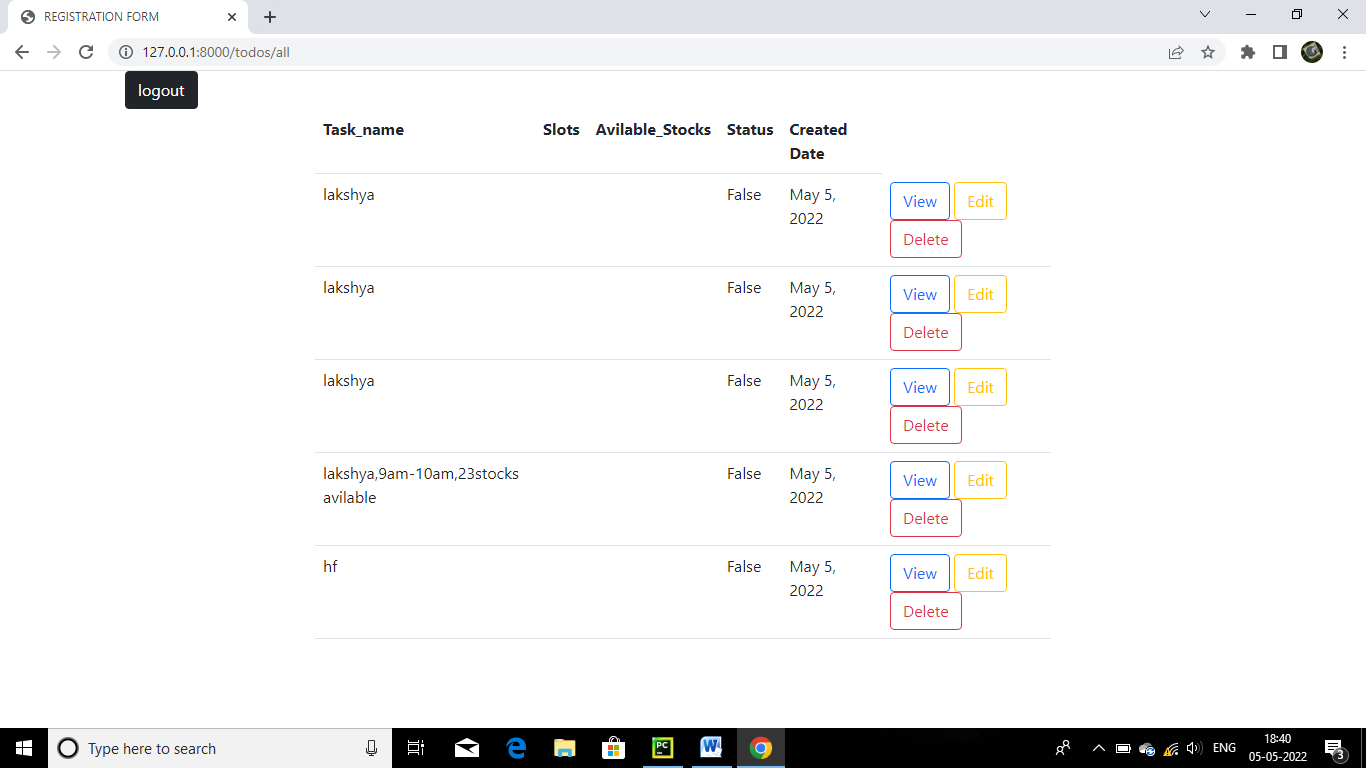
{%extends 'base.html'%}  
{%block body\_block%}  
<h1>welcome {{request.user}}</h1>  
 <a href="{%url 'createtodo'%}">Add Hospital</a><br>  
 <a href="{%url 'alltodos'%}">View My center</a>  
{%endblock%}











* **Tourist Guide System**

This is a web which gives information about main tourist places. The user can search a place and

We provide the information including such as special attraction, transportation and

Accommodation facilities. **Front end is done by PHP and backend by MySQL.**

**Python Django Angular Full Stack Web Development** (ON-GOING)

4 Months

* **B Tech(Computer Science And Engineering)**

IHRD College of Engineering Poonjar -Jul2021

APJ Abdul Kalaam Technological University, Kerala

**CGPA-(5.99/10)**

* **Higher secondary (74%)**

SMV HSS, Poonjar

2015-2017

* **Secondary school (91%)**

SMV HSS, Poonjar

2015

To work in an environment which encourages me to succeed and grow professionally where I can utilize my skills and knowledge appropriately.

**CAREER OBJECTIVE**

**ACADEMIC QUALIFICATIOS**

**CERTIFICATION**

**PROJECT DETAILS(ACADEMIC)**

**TECHNICAL SKILLS**

* Python
* C Programming(Basics)
* HTML

**PERSONAL DETAILS**

* D.O.B : 09/08/1999
* Nationality : Indian
* Languages : English and Malayalam, Hindi

**INTERESTS/HOBBIES**

* Travelling
* Photography
* Listening Music
* Sports
* Painting

**EVENTS ATTENDED**

* Visited the Steam Locomotive Maintenance Shed, Coonoor,Tamilnadu as part of Industrial Visit
* Attended National Colloquium on future technology held at College of Engineering Poonjar with

IEE Kochi

* 2-Day Workshop On Python

**KRISHNAPRIYA S NAIR**

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