**SPRINT – 2 Code**

**Manage voters**

@admin.route('/manage\_voters/',methods=['get','post'])

def manage\_voters():

data={}

if 'action' in request.args:

action = request.args['action']

id = request.args['id']

else:

action=None

q="select \* from booth"

booth = select(q)

data['booth']=booth

if 'add\_voter' in request.form:

first\_name=request.form['first\_name']

last\_name=request.form['last\_name']

age=request.form['age']

dob=request.form['dob']

gender=request.form['gender']

phone=request.form['phone']

email=request.form['email']

father\_name=request.form['father\_name']

house\_name=request.form['house\_name']

place=request.form['place']

pincode=request.form['pincode']

booth\_id=request.form['booth\_id']

photo=request.files['photo']

filename='static/uploads/voters/'+str(uuid.uuid4())+".jpg"

photo.save(filename)

identification\_mark1=request.form['identification\_mark1']

identification\_mark2=request.form['identification\_mark2']

username=request.form['user\_name']

password=request.form['password']

q="select username from login where username='%s'"%(username)

res=select(q)

if len(res) > 0:

flash('Username already exist')

else:

q="insert into login(username,password,login\_type)values('%s','%s','voter')"%(username,password)

login\_id=insert(q)

q1 = """insert into voter(first\_name,last\_name,age,dob,gender,phone,email,father\_name,house\_name,place,pincode,booth\_id,photo,identification\_mark1,identification\_mark2,login\_id)

VALUES('%s','%s','%s','%s','%s','%s','%s','%s','%s','%s','%s','%s','%s','%s','%s','%s')""" % (first\_name,last\_name,age,dob,gender,phone,email,father\_name,house\_name,place,pincode,booth\_id,filename,identification\_mark1,identification\_mark2,login\_id)

print(q1)

insert(q1)

flash('Success')

if 'update\_voter' in request.form:

voter\_id=request.form['voter\_id']

first\_name=request.form['first\_name']

last\_name=request.form['last\_name']

age=request.form['age']

dob=request.form['dob']

gender=request.form['gender']

phone=request.form['phone']

email=request.form['email']

father\_name=request.form['father\_name']

house\_name=request.form['house\_name']

place=request.form['place']

pincode=request.form['pincode']

#photo=request.form['photo']

photo=request.files['photo']

#filename="abc.jpg"

filename='static/uploads/voters/'+str(uuid.uuid4())+".jpg"

photo.save(filename)

identification\_mark1=request.form['identification\_mark1']

identification\_mark2=request.form['identification\_mark2']

q="update voter set first\_name='%s',last\_name='%s',age='%s',dob='%s',gender='%s',phone='%s',email='%s',father\_name='%s',house\_name='%s',place='%s',pincode='%s',photo='%s',identification\_mark1='%s',identification\_mark2='%s' WHERE voter\_id='%s' " % (first\_name,last\_name,age,dob,gender,phone,email,father\_name,house\_name,place,pincode,filename,identification\_mark1,identification\_mark2,voter\_id)

update(q)

flash('Success')

if action=='update':

id = request.args['id']

q = "select \* from voter where voter\_id='%s'" % (id)

update\_data = select(q)

data['update\_data']=update\_data

if action=='remove':

q = "delete from voter where voter\_id='%s'" % (id)

delete(q)

flash('Deleted')

return redirect(url\_for('admin.manage\_voters'))

q="select \* from voter inner join booth using(booth\_id)"

voter = select(q)

data['voter']=voter

return render\_template('admin\_manage\_voters.html',data=data)

**Manage election dates**

@admin.route('/manage\_election/',methods=['get','post'])

def manage\_election():

data={}

if 'action' in request.args:

action = request.args['action']

id = request.args['id']

else:

action=None

if 'add\_election' in request.form:

election\_type=request.form['election\_type']

start\_datetime=request.form['start\_datetime']

end\_datetime=request.form['end\_datetime']

election\_status='active'

q = "insert into election(election\_type,start\_datetime,end\_datetime,election\_status)VALUES('%s','%s','%s','%s')" % (election\_type,start\_datetime,end\_datetime,election\_status)

insert(q)

flash('Success')

if 'update\_election' in request.form:

election\_id=request.form['election\_id']

election\_type=request.form['election\_type']

start\_datetime=request.form['start\_datetime']

end\_datetime=request.form['end\_datetime']

q="update election set election\_type='%s',start\_datetime='%s',end\_datetime='%s' WHERE election\_id='%s' " % (election\_type,start\_datetime,end\_datetime,election\_id)

update(q)

flash('Success')

if action=='update':

id = request.args['id']

q = "select \* from election where election\_id='%s'" % (id)

update\_data = select(q)

data['update\_data']=update\_data

if action=='remove':

q = "delete from election where election\_id='%s'" % (id)

delete(q)

flash('Deleted')

q="select \* from election "

election = select(q)

data['election']=election

return render\_template('admin\_manage\_election.html',data=data)

**Finalize candidate list**

@admin.route('/view\_candidates/',methods=['get','post'])

def view\_candidates():

data={}

if 'action' in request.args:

action = request.args['action']

id = request.args['id']

else:

action=None

if 'approve' in request.args:

candidate\_id=request.args['id']

q="update candidate set candidate\_status='approved' where candidate\_id='%s'" % (candidate\_id)

candidate=update(q)

q=select("select login\_id from candidate where candidate\_id = '%s' " %(candidate\_id))[0]['login\_id']

print(q)

q="update login set login\_status='approved' where login\_id='%s'" % (q)

print (q)

update(q)

return redirect(url\_for('admin.view\_candidates'))

if 'reject' in request.args:

candidate\_id=request.args['id']

q="update candidate set candidate\_status='rejected' where candidate\_id='%s'" % (candidate\_id)

candidate=update(q)

return redirect(url\_for('admin.view\_candidates'))

q="select \* from candidate where candidate\_status='pending'"

candidate=select(q)

data['candidate']=candidate

return render\_template('admin\_view\_candidates.html',data=data)

@admin.route('/approved\_candidates/',methods=['get','post'])

def approved\_candidates():

data={}

if 'action' in request.args:

action = request.args['action']

id = request.args['id']

else:

action=None

q="SELECT \* FROM candidate INNER JOIN constituency USING (constituency\_id) WHERE candidate\_status='approved'"

candidate=select(q)

data['candidate']=candidate

if action == 'remove':

q = "delete from candidate where candidate\_id='%s'" % (id)

delete(q)

flash('Deleted')

q="select \* from state "

state = select(q)

data['state']=state

return render\_template('/admin\_approved\_candidates.html',data=data)

**Assign booths and officers**

@admin.route('/manage\_officers/',methods=['get','post'])

def manage\_officers():

data={}

if 'action' in request.args:

action = request.args['action']

id = request.args['id']

else:

action=None

q="select \* from booth"

booth = select(q)

data['booth']=booth

if 'add\_officer' in request.form:

first\_name=request.form['first\_name']

last\_name=request.form['last\_name']

gender=request.form['gender']

designation=request.form['designation']

place=request.form['place']

housename=request.form['housename']

pincode=request.form['pincode']

phone=request.form['phone']

email=request.form['email']

booth\_id=request.form['booth\_id']

q = "insert into officer(first\_name,last\_name,gender,designation,place,housename,pincode,phone,email,booth\_id)VALUES('%s','%s','%s','%s','%s','%s','%s','%s','%s','%s')" % (first\_name,last\_name,gender,designation,place,housename,pincode,phone,email,booth\_id)

insert(q)

flash('Success')

if 'update\_officer' in request.form:

officer\_id=request.form['officer\_id']

first\_name=request.form['first\_name']

last\_name=request.form['last\_name']

gender=request.form['gender']

designation=request.form['designation']

place=request.form['place']

housename=request.form['housename']

pincode=request.form['pincode']

phone=request.form['phone']

email=request.form['email']

q="update officer set first\_name='%s',last\_name='%s',gender='%s',designation='%s',place='%s',housename='%s',pincode='%s',phone='%s',email='%s' WHERE officer\_id='%s' " % (first\_name,last\_name,gender,designation,place,housename,pincode,phone,email,officer\_id)

update(q)

flash('Success')

if action=='update':

id = request.args['id']

q = "select \* from officer where officer\_id='%s'" % (id)

update\_data = select(q)

data['update\_data']=update\_data

if action=='remove':

q = "delete from officer where officer\_id='%s'" % (id)

delete(q)

flash('Deleted')

q="select \* from officer inner join booth using(booth\_id)"

officer = select(q)

data['officer']=officer

return render\_template('admin\_manage\_officers.html',data=data)

**View all booths**

@admin.route('/view\_booth/',methods=['get','post'])

def view\_booth():

data={}

if 'action' in request.args:

action = request.args['action']

id = request.args['id']

else:

action=None

if 'enable' in request.args:

id=request.args['id']

# print(id)

q = "update booth set booth\_status ='enable' where booth\_id ='%s'" %(id)

res = update(q)

# print(q)

if 'disable' in request.args:

id=request.args['id']

# print(id)

q = "update booth set booth\_status ='active' where booth\_id ='%s'" %(id)

res = update(q)

# print(q)

q="select \* from booth inner join constituency using(constituency\_id) where booth\_status ='active'"

booth = select(q)

print(booth)

data['booth']=booth

q1="select \* from booth inner join constituency using(constituency\_id) where booth\_status ='enable'"

booth1 = select(q1)

print(booth1)

data['booth1']=booth1

return render\_template('admin\_view\_booth.html',data=data)