Model.py box

from django.db import models  
  
class box(models.Model):  
 id =models.AutoField(primary\_key=True)  
 panjang =models.FloatField()  
 lebar =models.FloatField()  
 tinggi = models.FloatField()  
 isi =models.CharField(max\_length=255)

Admin.py box

from django.contrib import admin  
from .models import \*  
  
class boxAdmin(admin.ModelAdmin):  
 list\_display = (('id', 'panjang', 'lebar', 'tinggi', 'isi'))  
admin.site.register(box, boxAdmin)

Model.py rack

from django.db import models  
from box.models import \*  
  
class rack(models.Model):  
 id =models.AutoField(primary\_key=True)  
 input\_buffer =models.IntegerField()  
 output\_buffer = models.IntegerField()  
 cell = models.IntegerField()  
  
class input\_buffer(models.Model):  
 id = models.AutoField(primary\_key=True)  
 no\_rack =models.ForeignKey('rack',on\_delete=models.CASCADE, related\_name="+",to\_field='id')  
 no\_input\_buffer =models.IntegerField()  
 datetime\_pengisian =models.DateTimeField  
 status\_dipesan\_cell =models.IntegerField  
 isi\_pesanan =models.ForeignKey('box.box',on\_delete=models.CASCADE, related\_name="+",to\_field='id')  
  
class cell(models.Model):  
 id = models.AutoField(primary\_key=True)  
 datetime\_pengisian = models.DateTimeField  
 panjang = models.FloatField()  
 lebar = models.FloatField()  
 tinggi = models.FloatField()  
 posisi\_cell\_x =models.FloatField()  
 posisi\_cell\_y = models.FloatField()  
 status\_isi = models.ForeignKey('input\_buffer',on\_delete=models.CASCADE, related\_name="+",to\_field='id')  
 status\_dipesan\_output\_buffer =models.IntegerField()  
  
class output\_buffer(models.Model):  
 id = models.AutoField(primary\_key=True)  
 no\_rack =models.ForeignKey('rack',on\_delete=models.CASCADE, related\_name="+",to\_field='id')  
 no\_output\_buffer =models.IntegerField()  
 box = models.ForeignKey('cell',on\_delete=models.CASCADE, related\_name="+",to\_field='id')  
 status\_dipesan\_agv =models.IntegerField()

admin.py rack

from django.contrib import admin  
from .models import \*  
  
class rackAdmin (admin.ModelAdmin):  
 list\_display=(('id', 'input\_buffer', 'output\_buffer', 'cell'))  
admin.site.register(rack, rackAdmin)  
  
class input\_bufferAdmin(admin.ModelAdmin):  
 list\_display=(('id', 'no\_rack', 'no\_input\_buffer', 'datetime\_pengisian', 'status\_dipesan\_cell', 'isi\_pesanan'))  
admin.site.register(input\_buffer, input\_bufferAdmin)  
  
class cellAdmin (admin.ModelAdmin):  
 list\_display=(('id', 'datetime\_pengisian', 'panjang', 'lebar', 'tinggi', 'posisi\_cell\_x', 'posisi\_cell\_y', 'status\_isi', 'status\_dipesan\_output\_buffer'))  
admin.site.register(cell, cellAdmin)  
  
class output\_bufferAdmin(admin.ModelAdmin):  
 list\_display=(('id', 'no\_rack', 'no\_output\_buffer', 'box', 'status\_dipesan\_agv'))  
admin.site.register(output\_buffer, output\_bufferAdmin)

model.py shuttle

from django.db import models  
from rack.models import \*  
  
class shuttle\_input\_buffer(models.Model):  
 id = models.AutoField(primary\_key=True)  
 kecepatan\_maks =models.FloatField()  
 waktu\_loading =models.FloatField()  
 waktu\_unloading = models.FloatField()  
 input\_buffer\_to\_cell =models.ForeignKey('rack.input\_buffer',on\_delete=models.CASCADE, related\_name="+",to\_field='id')  
 shuttle\_input\_to\_cell\_x = models.ForeignKey('rack.cell', on\_delete=models.CASCADE, related\_name="+",to\_field='id')  
 shuttle\_input\_to\_cell\_y = models.ForeignKey('rack.cell', on\_delete=models.CASCADE, related\_name="+", to\_field='id')  
  
class shuttle\_output\_buffer(models.Model):  
 id = models.AutoField(primary\_key=True)  
 kecepatan\_maks =models.FloatField()  
 waktu\_loading =models.FloatField()  
 waktu\_unloading = models.FloatField()  
 cell\_to\_output\_buffer =models.ForeignKey('rack.output\_buffer',on\_delete=models.CASCADE, related\_name="+",to\_field='id')  
 shuttle\_to\_output\_x = models.ForeignKey('rack.cell', on\_delete=models.CASCADE, related\_name="+",to\_field='id')  
 shuttle\_to\_output\_y = models.ForeignKey('rack.cell', on\_delete=models.CASCADE, related\_name="+",to\_field='id')

admin.py shuttle

from django.contrib import admin  
from .models import \*  
  
class shuttle\_input\_bufferAdmin(admin.ModelAdmin):  
 list\_display = (('id', 'kecepatan\_maks', 'waktu\_loading', 'waktu\_unloading', 'input\_buffer\_to\_cell', 'shuttle\_input\_to\_cell\_x', 'shuttle\_input\_to\_cell\_y'))  
admin.site.register(shuttle\_input\_buffer, shuttle\_input\_bufferAdmin)  
  
  
class shuttle\_output\_bufferAdmin(admin.ModelAdmin):  
 list\_display = (('id', 'kecepatan\_maks', 'waktu\_loading', 'waktu\_unloading', 'cell\_to\_output\_buffer', 'shuttle\_to\_output\_x', 'shuttle\_to\_output\_y'))  
admin.site.register(shuttle\_output\_buffer, shuttle\_output\_bufferAdmin)

