

Федеральное государственное автономное образовательное учреждение высшего  
образования

Санкт-Петербургский национальный исследовательский университет информационных  
технологий, механики и оптики

Факультет программной инженерии и компьютерной техники

«Информационные системы и базы данных»

Курсовая работа, этап №4

Выполнили студенты группы Р33111

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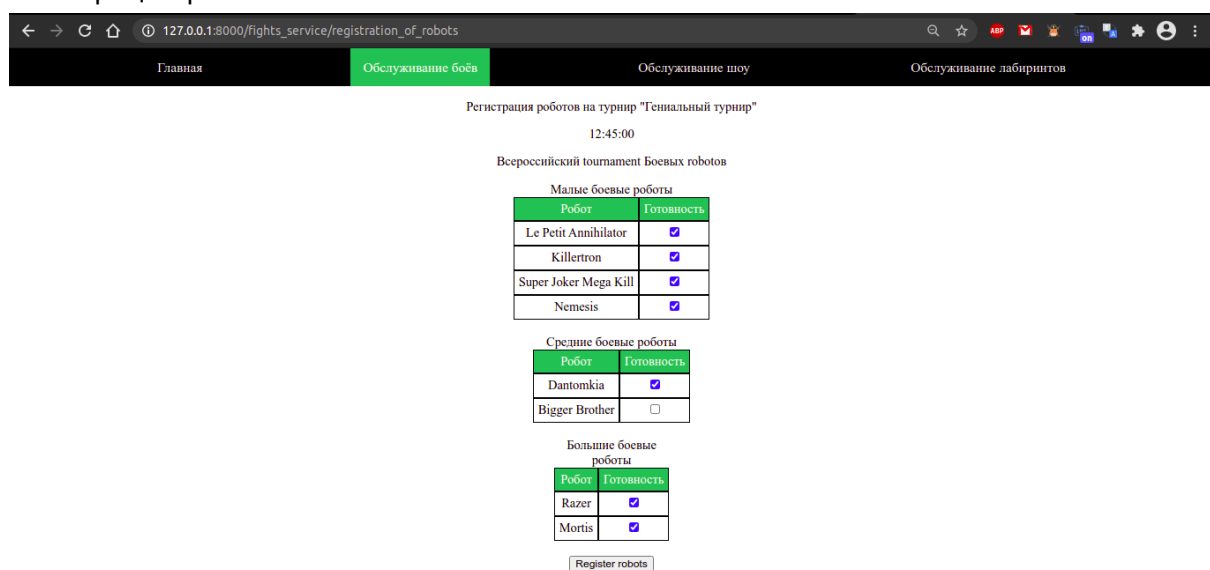
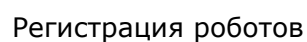
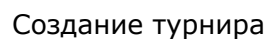
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Санкт-Петербург

2021

Главная страница с рейтингом до проведения боёв



## Запись результатов

← → ↺ 🏠 127.0.0.1:8000/fights\_service/fights\_results

Главная Обслуживание боёв Обслуживание шоу Обслуживание лабиринтов

Полуфиналы малых роботов

Робот	Бой	Баллы
Le Petit Annihilator	Полуфинал 1	<input type="text" value="1"/>
Killertron	Полуфинал 2	<input type="text" value="4"/>
Super Joker Mega Kill	Полуфинал 1	<input type="text" value="3"/>
Nemesis	Полуфинал 2	<input type="text" value="1"/>

Финал малых роботов

Робот	Бой	Баллы
Le Petit Annihilator	Финал	<input type="text" value="0"/>
Killertron	Финал	<input type="text" value="3"/>
Super Joker Mega Kill	Финал	<input type="text" value="2"/>
Nemesis	Финал	<input type="text" value="0"/>

Финал больших роботов

Робот	Бой	Баллы
Razer	Финал	<input type="text" value="1"/>
Mortis	Финал	<input type="text" value="3"/>

Save fights results

## Главная страница после проведения боёв

← → ↺ 🏠 127.0.0.1:8000

Главная Обслуживание боёв Обслуживание шоу Обслуживание лабиринтов

Рейтинговая таблица

Робот	Количество участия	Общее количество очков	Средний балл	Дата изменения
Nemesis	12	24	2,0	9 апреля 2021 г.
Killertron	10	20	2,0	9 апреля 2021 г.
Super Joker Mega Kill	10	19	1,9	9 апреля 2021 г.
Le Petit Annihilator	8	17	2,125	9 апреля 2021 г.
Razer	6	11	1,83333	9 апреля 2021 г.
Mortis	6	9	1,5	9 апреля 2021 г.
Bigger Brother	2	4	2,0	8 апреля 2021 г.
Dantomkia	2	2	1,0	8 апреля 2021 г.
Panic Attack	2	0	0,0	8 апреля 2021 г.
Cassius	2	0	0,0	9 апреля 2021 г.
Sir Killalot	3	0	0,0	9 апреля 2021 г.
Крейсер Вапяр	3	0	0,0	8 апреля 2021 г.
Firestorm	3	0	0,0	8 апреля 2021 г.

## Для сравнения приведён снимок главной страницы до проведения боёв

← → ↺ 🏠 127.0.0.1:8000

Главная Обслуживание боёв Обслуживание шоу Обслуживание лабиринтов

Рейтинговая таблица

Робот	Количество участия	Общее количество очков	Средний балл	Дата изменения
Nemesis	11	23	2,09091	9 апреля 2021 г.
Le Petit Annihilator	7	16	2,28571	9 апреля 2021 г.
Super Joker Mega Kill	8	14	1,75	9 апреля 2021 г.
Killertron	8	13	1,625	9 апреля 2021 г.
Razer	5	10	2,0	9 апреля 2021 г.
Mortis	5	6	1,2	9 апреля 2021 г.
Bigger Brother	2	4	2,0	8 апреля 2021 г.
Dantomkia	2	2	1,0	8 апреля 2021 г.
Sir Killalot	3	0	0,0	9 апреля 2021 г.
Cassius	2	0	0,0	9 апреля 2021 г.
Firestorm	3	0	0,0	8 апреля 2021 г.
Panic Attack	2	0	0,0	8 апреля 2021 г.
Крейсер Вапяр	3	0	0,0	8 апреля 2021 г.

# Примеры листингов

## models.py

```
from django.db import models
```

```
class Arena(models.Model):
    title = models.TextField()
    characteristic = models.ForeignKey('ArenaCharacteristic', models.DO_NOTHING,
    blank=True, null=True)
```

```
    def __str__(self):
        return self.title
```

```
class Meta:
    db_table = 'arena'
```

```
class ArenaCharacteristic(models.Model):
    seats_count = models.IntegerField(blank=True, null=True)
    address = models.TextField()
    condition = models.TextField()
    technical_inspection_date = models.DateField(blank=True, null=True)
    open_date = models.DateField(blank=True, null=True)
    close_date = models.DateField(blank=True, null=True)
```

```
    def __str__(self):
        return self.address
```

```
class Meta:
    db_table = 'arena_characteristic'
```

```
class Fight(models.Model):
    tournament = models.ForeignKey('Tournament', models.DO_NOTHING, blank=True,
    null=True)
    phase = models.TextField(blank=True, null=True)
    class_field = models.ForeignKey('RobotClasses', models.DO_NOTHING,
    db_column='class_id', blank=True, null=True) # Field renamed because it was a Python
    reserved word.
```

```
    def __str__(self):
        return self.phase
```

```
class Meta:
    db_table = 'fight'
```

```

class FightParticipation(models.Model):
    fight = models.OneToOneField(Fight, models.DO_NOTHING, primary_key=True)
    robot = models.ForeignKey('Robot', models.DO_NOTHING)
    scores = models.IntegerField(blank=True, null=True)
    comment = models.TextField(blank=True, null=True)

    class Meta:
        db_table = 'fight_participation'
        unique_together = (('fight', 'robot'),)

class Member(models.Model):
    surname = models.TextField(blank=True, null=True)
    name = models.TextField()
    team = models.ForeignKey('Team', models.DO_NOTHING, blank=True, null=True)
    role = models.TextField(blank=True, null=True)
    entrance_date = models.DateField()
    exit = models.DateField(blank=True, null=True)

    def __str__(self):
        return self.name + ' ' + self.surname

    class Meta:
        db_table = 'member'

class Race(models.Model):
    tournament = models.ForeignKey('Tournament', models.DO_NOTHING, blank=True,
null=True)
    robot = models.ForeignKey('Robot', models.DO_NOTHING, blank=True, null=True)
    race_time = models.TimeField(blank=True, null=True)

    class Meta:
        db_table = 'race'

class RatingTable(models.Model):
    robot = models.ForeignKey('Robot', models.DO_NOTHING, blank=True, null=True)
    participate_count = models.IntegerField(blank=True, null=True)
    scores = models.IntegerField(blank=True, null=True)
    average_score = models.FloatField(blank=True, null=True)
    last_modification_date = models.DateField(blank=True, null=True)

    class Meta:
        db_table = 'rating_table'

class Robot(models.Model):
    title = models.TextField(unique=True)
    team = models.ForeignKey('Team', models.DO_NOTHING, blank=True, null=True)

```

```
class_field = models.ForeignKey('RobotClasses', models.DO_NOTHING,  
db_column='class_id', blank=True, null=True) # Field renamed because it was a Python  
reserved word.
```

```
first_participation_date = models.DateField(blank=True, null=True)  
last_participation_date = models.DateField(blank=True, null=True)  
condition = models.BooleanField(blank=True, null=True)
```

```
def __str__(self):  
    return self.title
```

```
class Meta:  
    db_table = 'robot'
```

```
class RobotClasses(models.Model):  
    size = models.TextField() # This field type is a guess.  
    drone_control = models.BooleanField(blank=True, null=True)  
    role = models.TextField() # This field type is a guess.
```

```
def __str__(self):  
    return self.size + ' ' + self.role
```

```
class Meta:  
    db_table = 'robot_classes'
```

```
class Show(models.Model):  
    title = models.TextField()  
    fromat = models.TextField(blank=True, null=True)  
    id_arena = models.ForeignKey(Arena, models.DO_NOTHING, db_column='id_arena',  
blank=True, null=True)  
    show_date = models.DateField()  
    show_time = models.TimeField(blank=True, null=True)
```

```
def __str__(self):  
    return self.title
```

```
class Meta:  
    db_table = 'show'
```

```
class ShowParticipation(models.Model):  
    show = models.OneToOneField(Show, models.DO_NOTHING, primary_key=True)  
    robot = models.ForeignKey(Robot, models.DO_NOTHING)  
    comment = models.TextField(blank=True, null=True)
```

```
class Meta:  
    db_table = 'show_participation'  
    unique_together = (('show', 'robot'),)
```

```

class Team(models.Model):
    title = models.TextField()
    creation_date = models.DateField()
    close_date = models.DateField(blank=True, null=True)

    def __str__(self):
        return self.title

class Meta:
    db_table = 'team'

class Tournament(models.Model):
    title = models.TextField()
    show = models.ForeignKey>Show, models.DO_NOTHING, blank=True, null=True)
    tournament_time = models.TimeField(blank=True, null=True)

    def __str__(self):
        return self.title

class Meta:
    db_table = 'tournament'

```

## urls.py

```

from django.urls import path

from . import views

app_name = 'robot_reg'

urlpatterns = [
    path("", views.index, name = 'index'),
    path('fights_service', views.tournament_create, name = 'tournament_create'),
    path('fights_service/registration_of_robots', views.registration_of_robots, name
= 'registration_of_robots'),
    path('fights_service/fights_results', views.fights_results, name = 'fights_results'),
    path('race_service', views.race_tournament_create, name =
'race_tournament_create'),
    path('race_service/registration_of_robots', views.race_registration_of_robots,
name = 'race_registration_of_robots'),
    path('race_service/race_results', views.race_results, name = 'race_results'),
    path('show_service', views.select_robots_to_show, name =
'select_robots_to_show')
]

```

## views.py

```
from django.shortcuts import render

from django.db import connection

from collections import defaultdict

from .models import Robot
from .models import Arena
from .models import ArenaCharacteristic
from .models import Fight
from .models import FightParticipation
from .models import Member
from .models import Race
from .models import RatingTable
from .models import RobotClasses
from .models import Show
from .models import ShowParticipation
from .models import Team
from .models import Tournament

from django.http import Http404, HttpResponseRedirect

from .forms import TournamentCreateForm

def index(request):
    if request.method == "POST":
        request_data = dict(request.POST)
        del request_data['csrfmiddlewaretoken']
        referer = request_data['referer'][0]
        del request_data['referer']

        cursor = connection.cursor()
        results_to_write_list = list()

        if referer == "fight_service":
            class Result_of_robot_fight:
                robot_id = int()
                fight_id = int()
                score = int()

            for key in request_data:
                space_pos = key.find(' ')
                result_of_robot_fight = Result_of_robot_fight()
                result_of_robot_fight.robot_id = int(key[:space_pos])
                result_of_robot_fight.fight_id = int(key[space_pos:])
                result_of_robot_fight.score = int(request_data[key][0])
                if result_of_robot_fight.score > 0:
                    results_to_write_list.append(result_of_robot_fight)
```



```

        for result in results_to_write_list:
            cursor.execute("select write_fight_result_en(%s, %s, %s, %s)", [result.fight_id, result.robot_id, result.score, ""])
        if referer == "race_service":
            class Result_of_robot_race:
                robot_id = int()
                result_time = ""

            tournament_id = request_data['tournament_id'][0]
            del request_data['tournament_id']

            for key in request_data:
                result_of_robot_race = Result_of_robot_race()
                result_of_robot_race.robot_id = key
                result_of_robot_race.result_time = request_data[key][0]
                results_to_write_list.append(result_of_robot_race)

            for result in results_to_write_list:
                cursor.execute("select race_result_en(%s, %s, %s)", [tournament_id, result.robot_id, result.result_time])
            if referer == "show_service":
                show_id = int()
                show_id = request_data['show'][0]
                del request_data['show']

            for key in request_data:
                results_to_write_list.append(key)

            for result in results_to_write_list:
                cursor.execute("select show_participation_en(%s, %s, %s)", [show_id, result, ""])

            cursor.execute("select robot_default_condition_en()")

            robots_rating_list = RatingTable.objects.order_by('-scores')
            return render(request, 'main/hello_page.html', {'robots_rating_list': robots_rating_list})

#
#Обслуживание боёв
#
def tournament_create(request):
    tournament_create_form = TournamentCreateForm()
    return render(request, 'fights_service/tournament_creations.html', {"tournament_create_form": tournament_create_form})

def registration_of_robots(request):
    if request.method == "POST":

```

```

new_tournament = Tournament()
new_tournament.title = request.POST.get("title")
new_tournament.tournament_time = request.POST.get("time")
new_tournament.show = Show.objects.get(id =
request.POST.get("show"))
new_tournament.save()

robots_list = Robot.objects.all()

small_class = RobotClasses.objects.get(id = 1)
small_robots_list = Robot.objects.filter(class_field = small_class)

medium_class = RobotClasses.objects.get(id = 5)
medium_robots_list = Robot.objects.filter(class_field = medium_class)

big_class = RobotClasses.objects.get(id = 8)
big_robots_list = Robot.objects.filter(class_field = big_class)

return render(request, 'fights_service/registration_robots.html',
{"small_robots_list": small_robots_list, "medium_robots_list": medium_robots_list,
"big_robots_list": big_robots_list, "tournament": new_tournament})

```

```

def fights_results(request):
    if request.method == "POST":
        data_from_post_robot_ids = list(dict(request.POST).keys())
        data_from_post_robot_ids.remove('csrfmiddlewaretoken')
        data_from_post_robot_ids.remove('tournament_id')

        robot_ready_ids = [int(key) for key in data_from_post_robot_ids]
        ready_robots = Robot.objects.filter(id__in = robot_ready_ids)

        for robot in ready_robots:
            robot.condition = True
            robot.save()

        small_class = RobotClasses.objects.get(id = 1)
        medium_class = RobotClasses.objects.get(id = 5)
        big_class = RobotClasses.objects.get(id = 8)

        tournament_id = request.POST.get("tournament_id")
        tournament = Tournament.objects.get(id = tournament_id)

        cursor = connection.cursor()
        cursor.execute("select organize_fights_en(%s)", [tournament_id])

#Создание соотношений боёв к роботам
        tournament_fights = Fight.objects.filter(tournament = tournament_id)

```

```

#Определение элемента списка
class Fight_of_robot:
    robot_id = int()
    fight_id = int()
    fight_class = int()
    phase = int()

#сам список
fights_of_robots_list = list()

#формирование списка
#заполняем сетку малых
small_robots_count = Robot.objects.filter(id__in = robot_ready_ids,
class_field = 1).count()

small_final_exist = False
if small_robots_count > 1:
    small_final_exist = True
#список малых на финал
small_final_robots = Robot.objects.filter(id__in = robot_ready_ids,
class_field = small_class)
#малые полуфиналы
small_final = Fight.objects.get(tournament = tournament_id,
class_field = 1, phase = "Финал")
#запись роботов в финал
for robot in ready_robots:
    if robot in small_final_robots:
        fight_of_robot = Fight_of_robot()
        fight_of_robot.robot_id = robot.id
        fight_of_robot.fight_id = small_final.id
        fight_of_robot.fight_class = 1
        fight_of_robot.phase = 2
        fights_of_robots_list.append(fight_of_robot)

small_semifinals_exist = False
if small_robots_count > 3:
    small_semifinals_exist = True
#списки малых роботов на полуфиналы
small_semifinal_1_robots = Robot.objects.filter(id__in =
robot_ready_ids, class_field = small_class)[::2]
small_semifinal_2_robots = Robot.objects.filter(id__in =
robot_ready_ids, class_field = small_class)[1::2]
#малые полуфиналы
small_semifinal_1 = Fight.objects.get(tournament =
tournament_id, class_field = 1, phase = "Полуфинал 1")
small_semifinal_2 = Fight.objects.get(tournament =
tournament_id, class_field = 1, phase = "Полуфинал 2")
#распределение роботов по полуфиналам
for robot in ready_robots:

```

```

        if robot in small_semifinal_1_robots:
            fight_of_robot = Fight_of_robot()
            fight_of_robot.robot_id = robot.id
            fight_of_robot.fight_id = small_semifinal_1.id
            fight_of_robot.fight_class = 1
            fight_of_robot.phase = 1
            fights_of_robots_list.append(fight_of_robot)
        if robot in small_semifinal_2_robots:
            fight_of_robot = Fight_of_robot()
            fight_of_robot.robot_id = robot.id
            fight_of_robot.fight_id = small_semifinal_2.id
            fight_of_robot.fight_class = 1
            fight_of_robot.phase = 1
            fights_of_robots_list.append(fight_of_robot)

    #заполняем сетку средних
    medium_robots_count = Robot.objects.filter(id__in = robot_ready_ids,
class_field = 5).count()

    medium_final_exist = False
    if medium_robots_count > 1:
        medium_final_exist = True
    #список средних на финал
    medium_final_robots = Robot.objects.filter(id__in =
robot_ready_ids, class_field = medium_class)
    #малые полуфиналы
    medium_final = Fight.objects.get(tournament = tournament_id,
class_field = 5, phase = "Финал")
    #запись роботов в финал
    for robot in ready_robots:
        if robot in medium_final_robots:
            fight_of_robot = Fight_of_robot()
            fight_of_robot.robot_id = robot.id
            fight_of_robot.fight_id = medium_final.id
            fight_of_robot.fight_class = 2
            fight_of_robot.phase = 2
            fights_of_robots_list.append(fight_of_robot)

    medium_semifinals_exist = False
    if medium_robots_count > 3:
        medium_semifinals_exist = True
    #списки средних роботов на полуфиналы
    medium_semifinal_1_robots = Robot.objects.filter(id__in =
robot_ready_ids, class_field = medium_class)[::2]
    medium_semifinal_2_robots = Robot.objects.filter(id__in =
robot_ready_ids, class_field = medium_class)[1::2]
    #малые полуфиналы
    medium_semifinal_1 = Fight.objects.get(tournament =
tournament_id, class_field = 5, phase = "Полуфинал 1")

```

```

        medium_semifinal_2 = Fight.objects.get(tournament =
tournament_id, class_field = 5, phase = "Полуфинал 2")
        #распределение роботов по полуфиналам
        for robot in ready_robots:
            if robot in medium_semifinal_1_robots:
                fight_of_robot = Fight_of_robot()
                fight_of_robot.robot_id = robot.id
                fight_of_robot.fight_id = medium_semifinal_1.id
                fight_of_robot.fight_class = 2
                fight_of_robot.phase = 1
                fights_of_robots_list.append(fight_of_robot)
            if robot in medium_semifinal_2_robots:
                fight_of_robot = Fight_of_robot()
                fight_of_robot.robot_id = robot.id
                fight_of_robot.fight_id = medium_semifinal_2.id
                fight_of_robot.fight_class = 2
                fight_of_robot.phase = 1
                fights_of_robots_list.append(fight_of_robot)

        #заполняем сетку больших
        big_robots_count = Robot.objects.filter(id__in = robot_ready_ids,
class_field = 8).count()

        big_final_exist = False
        if big_robots_count > 1:
            big_final_exist = True
        #список больших на финал
        big_final_robots = Robot.objects.filter(id__in = robot_ready_ids,
class_field = big_class)
        #малые полуфиналы
        big_final = Fight.objects.get(tournament = tournament_id,
class_field = 8, phase = "Финал")
        #запись роботов в финал
        for robot in ready_robots:
            if robot in big_final_robots:
                fight_of_robot = Fight_of_robot()
                fight_of_robot.robot_id = robot.id
                fight_of_robot.fight_id = big_final.id
                fight_of_robot.fight_class = 3
                fight_of_robot.phase = 2
                fights_of_robots_list.append(fight_of_robot)

        big_semifinals_exist = False
        if big_robots_count > 3:
            big_semifinals_exist = True
        #списки больших роботов на полуфиналы
        big_semifinal_1_robots = Robot.objects.filter(id__in =
robot_ready_ids, class_field = big_class)[:2]

```

```

        big_semifinal_2_robots = Robot.objects.filter(id__in =
robot_ready_ids, class_field = big_class)[1::2]
        #малые полуфиналы
        big_semifinal_1 = Fight.objects.get(tournament = tournament_id,
class_field = 8, phase = "Полуфинал 1")
        big_semifinal_2 = Fight.objects.get(tournament = tournament_id,
class_field = 8, phase = "Полуфинал 2")
        #распределение роботов по полуфиналам
        for robot in ready_robots:
            if robot in big_semifinal_1_robots:
                fight_of_robot = Fight_of_robot()
                fight_of_robot.robot_id = robot.id
                fight_of_robot.fight_id = big_semifinal_1.id
                fight_of_robot.fight_class = 3
                fight_of_robot.phase = 1
                fights_of_robots_list.append(fight_of_robot)
            if robot in big_semifinal_2_robots:
                fight_of_robot = Fight_of_robot()
                fight_of_robot.robot_id = robot.id
                fight_of_robot.fight_id = big_semifinal_2.id
                fight_of_robot.fight_class = 3
                fight_of_robot.phase = 1
                fights_of_robots_list.append(fight_of_robot)

```

```

        return render(request, 'fights_service/confirm_fights_results.html',
{"ready_robots": ready_robots, "small_class": small_class, "medium_class":
medium_class, "big_class": big_class, "tournament_fights": tournament_fights,
"fights_of_robots_list": fights_of_robots_list, "small_semifinals_exist":
small_semifinals_exist, "small_final_exist": small_final_exist,
"medium_semifinals_exist": medium_semifinals_exist, "medium_final_exist":
medium_final_exist, "big_semifinals_exist": big_semifinals_exist, "big_final_exist":
big_final_exist})

```

```

#
#Обслуживание забегов
#
def race_tournament_create(request):
    tournament_create_form = TournamentCreateForm()
    return render(request, 'race_service/race_tournament_creation.html',
{"tournament_create_form": tournament_create_form})

def race_registration_of_robots(request):
    if request.method == "POST":
        new_tournament = Tournament()
        new_tournament.title = request.POST.get("title")
        new_tournament.tournament_time = request.POST.get("time")
        new_tournament.show = Show.objects.get(id =
request.POST.get("show"))

```

```

        new_tournament.save()

        race_class = RobotClasses.objects.get(id = 3)
        race_robots_list = Robot.objects.filter(class_field = race_class)

        return render(request, 'race_service/registration_robots.html', {"tournament":
new_tournament, "race_robots_list": race_robots_list})

def race_results(request):
    if request.method == "POST":
        data_from_post_robot_ids = list(dict(request.POST).keys())
        data_from_post_robot_ids.remove('csrfmiddlewaretoken')
        data_from_post_robot_ids.remove('tournament_id')

        robot_ready_ids = [int(key) for key in data_from_post_robot_ids]
        ready_robots = Robot.objects.filter(id__in = robot_ready_ids)

        for robot in ready_robots:
            robot.condition = True
            robot.save()

        race_class = RobotClasses.objects.get(id = 3)

        tournament_id = request.POST.get("tournament_id")
        tournament = Tournament.objects.get(id = tournament_id)

        return render(request, 'race_service/confirm_race_results.html', {"tournament":
tournament, "ready_robots": ready_robots})

#
#Обслуживание шоу
#
def select_robots_to_show(request):
    show_classes = RobotClasses.objects.filter(role = "шоу")
    show_robots_list = Robot.objects.filter(class_field__in = show_classes)

    shows = Show.objects.all()

    shows_size = Show.objects.all().count()

    return render(request, 'show_service/register_robots_to_show.html',
{"show_robots_list": show_robots_list, "shows": shows, "shows_size": shows_size})

```

## hello\_page.html шаблон

```
{% extends 'base.html' %}

{% block title %} Robofight service {% endblock %}

{% block content %}

    <div class="navbar">
        <a class="active">Главная</a>
        <a href="{% url 'robot_reg:tournament_create' %}">Обслуживание боёв</a>
        <a href="{% url 'robot_reg:select_robots_to_show' %}">Обслуживание шоу</a>
        <a href="{% url 'robot_reg:race_tournament_create' %}">Обслуживание лабиринтов</a>
    </div>
    <div class="under_navbar">
        <a>Главная</a>
        <a>Регистрация робота</a>
        <a>Обслуживание боёв</a>
        <a>Обслуживание шоу</a>
        <a>Обслуживание лабиринтов</a>
    </div>

    <div class="container">
        <div class="content_item">
            <br>
            {% if robots_rating_list %}
                <table>
                    <caption>Рейтинговая таблица</caption>
                    <thead>
                        <tr>
                            <td>Робот</td>
                            <td>Количество участия</td>
                            <td>Общее количество очков</td>
                            <td>Средний балл</td>
                            <td>Дата изменения</td>
                        </tr>
                    </thead>
                    {% for a in robots_rating_list %}
                        <tr>
                            <td>{{a.robot}}</td>
                            <td>{{a.participate_count}}</td>
                            <td>{{a.scores}}</td>
                            <td>{{a.average_score}}</td>
                            <td>{{a.last_modification_date}}</td>
                        </tr>
                    {% endfor %}

                </table>
            {% else %}
                В базе нет рейтинга роботов
            {% endif %}
        </div>
    </div>

{% endblock %}
```