Санкт-Петербургский Национальный Исследовательский Университет Информационных Технологий, Механики и Оптики

ПИиКТ, кафедра ИПМ

Курсовая работа по дисциплине

«Программирование интернет-приложений»

Этап 3

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Санкт-Петербург 2017

**Примеры запросов**

/main/contracts/2/0

[

{

"id": 1,

"reiting": 99,

"pac": 98,

"sho": 99,

"pas": 94,

"dri": 98,

"def": 50,

"phy": 95,

"refImage": "https://futhead.cursecdn.com/static/img/18/players\_alt/p67129665.png",

"createdAt": "2018-04-07T14:01:44.627Z",

"updatedAt": "2018-04-07T14:01:44.627Z",

"playerID": 1,

"teamID": 5,

"player": {

"id": 1,

"name": "Cristiano Ronaldo",

"createdAt": "2018-04-07T14:01:26.747Z",

"updatedAt": "2018-04-07T14:01:26.747Z"

},

"team": {

"id": 5,

"name": "Real Madrid CF",

"refClubs": "https://futhead.cursecdn.com/static/img/18/clubs/243.png",

"createdAt": "2018-04-07T14:01:17.612Z",

"updatedAt": "2018-04-07T14:01:17.612Z",

"countryId": 1,

"country": {

"id": 1,

"name": "Portugal",

"refNations": "https://futhead.cursecdn.com/static/img/18/nations/38.png",

"createdAt": "2018-04-07T14:01:08.480Z",

"updatedAt": "2018-04-07T14:01:08.480Z"

}

}

},

{

"id": 2,

"reiting": 98,

"pac": 96,

"sho": 97,

"pas": 98,

"dri": 99,

"def": 45,

"phy": 81,

"refImage": "https://futhead.cursecdn.com/static/img/18/players\_alt/p117598535.png",

"createdAt": "2018-04-07T14:01:44.628Z",

"updatedAt": "2018-04-07T14:01:44.628Z",

"playerID": 2,

"teamID": 4,

"player": {

"id": 2,

"name": "Lionel Messi",

"createdAt": "2018-04-07T14:01:26.748Z",

"updatedAt": "2018-04-07T14:01:26.748Z"

},

"team": {

"id": 4,

"name": "FC Barcelona",

"refClubs": "https://futhead.cursecdn.com/static/img/18/clubs/241.png",

"createdAt": "2018-04-07T14:01:17.612Z",

"updatedAt": "2018-04-07T14:01:17.612Z",

"countryId": 3,

"country": {

"id": 3,

"name": null,

"refNations": "https://futhead.cursecdn.com/static/img/18/nations/52.png",

"createdAt": "2018-04-07T14:01:08.483Z",

"updatedAt": "2018-04-07T14:01:08.483Z"

}

}

}

]

/main/contracts/1

{

"id": 1,

"reiting": 99,

"pac": 98,

"sho": 99,

"pas": 94,

"dri": 98,

"def": 50,

"phy": 95,

"refImage": "https://futhead.cursecdn.com/static/img/18/players\_alt/p67129665.png",

"createdAt": "2018-04-07T14:01:44.627Z",

"updatedAt": "2018-04-07T14:01:44.627Z",

"playerID": 1,

"teamID": 5,

"characteristics": {

"id": 1,

"strongFoot": "Right",

"age": "32 - 05/02/1985",

"height": "185cm | 6'1\"",

"workrates": "High / Low",

"acceleration": 96,

"sprintSpeed": 99,

"positioning": 99,

"finishing": 99,

"shotPower": 99,

"longShots": 97,

"volleys": 93,

"penalties": 90,

"vision": 97,

"crossing": 97,

"freeKick": 87,

"shortPassing": 95,

"longPassing": 88,

"curve": 92,

"agility": 96,

"balance": 68,

"reactions": 99,

"ballControl": 99,

"dribbling": 99,

"composure": 95,

"interceptions": 43,

"heading": 99,

"marking": 33,

"standingTackle": 46,

"slidingTackle": 34,

"jumping": 99,

"stamina": 99,

"strength": 95,

"aggression": 74,

"createdAt": "2018-04-08T14:13:59.296Z",

"updatedAt": "2018-04-08T14:13:59.296Z",

"contractID": 1

},

"player": {

"id": 1,

"name": "Cristiano Ronaldo",

"createdAt": "2018-04-07T14:01:26.747Z",

"updatedAt": "2018-04-07T14:01:26.747Z",

"commentsPlayers": []

},

"team": {

"id": 5,

"name": "Real Madrid CF",

"refClubs": "https://futhead.cursecdn.com/static/img/18/clubs/243.png",

"createdAt": "2018-04-07T14:01:17.612Z",

"updatedAt": "2018-04-07T14:01:17.612Z",

"countryId": 1,

"country": {

"id": 1,

"name": "Portugal",

"refNations": "https://futhead.cursecdn.com/static/img/18/nations/38.png",

"createdAt": "2018-04-07T14:01:08.480Z",

"updatedAt": "2018-04-07T14:01:08.480Z"

}

}

}

/main/teams/like/1/0/Real

[

{

"id": 5,

"name": "Real Madrid CF",

"refClubs": "https://futhead.cursecdn.com/static/img/18/clubs/243.png",

"createdAt": "2018-04-07T14:01:17.612Z",

"updatedAt": "2018-04-07T14:01:17.612Z",

"countryId": 1,

"country": {

"id": 1,

"name": "Portugal",

"refNations": "https://futhead.cursecdn.com/static/img/18/nations/38.png",

"createdAt": "2018-04-07T14:01:08.480Z",

"updatedAt": "2018-04-07T14:01:08.480Z"

}

}

]

**Исходный код**

/index.js

**const express** = *require*(**'express'**);  
**const** *logger* = *require*(**'morgan'**);  
**const bodyParser** = *require*(**'body-parser'**);  
**const** passport = *require*(**'passport'**);  
**const** *session* = *require*(**'express-session'**);  
**const flash** = *require*(**'connect-flash'**);  
  
**const load** = *require*(**'./load/load'**);  
**const** config = *require*(**'./config'**);  
  
**const** app = **express**();  
app.use(*logger*(**'dev'**));  
app.use(**bodyParser**.**json**());  
app.use(**bodyParser**.**urlencoded**({**extended**: **false**}));  
app.use(**flash**());  
  
app.use(*session*({**secret**: **'lol'**, **resave**: **true**, **saveUninitialized**: **true**}));  
app.use(passport.initialize());  
app.use(passport.session());  
*require*(**'./passport/index'**)(passport);  
  
app.use(**express**.**static**(\_\_dirname + **'/static'**));  
*require*(**'./routes/index'**)(app, passport);  
  
module.**exports** = app;

/routes/index.js

**const** playerController = *require*(**'../controller'**).**playerController**;  
**const** authorizationController = *require*(**'../controller'**).**authorizationController**;  
**const** teamController = *require*(**'../controller'**).**teamController**;  
**const** countriesController = *require*(**'../controller'**).**countriesController**;  
**const** contractsController = *require*(**'../controller'**).**contractsController**;  
**const** load = *require*(**'../load'**).**load**;  
**const** favoritesController = *require*(**'../controller'**).**favoritesController**;  
  
module.**exports** = (app, passport) => {  
  
 **const** *isLoggedIn* = (req, resp, next) => {  
 **if** (req.isAuthenticated())  
 **return** next();  
 resp.*redirect*(**'/signin'**);  
 };  
  
 **const** *isNotLoggedIn* = (req, resp, next) => {  
 **if** (!req.isAuthenticated())  
 **return** next();  
 resp.*redirect*(**'/main'**);  
 };  
  
 app.get(**'/'**, (req, res) =>{  
 res.redirect(**'/main'**);  
 });  
  
 app.get(**'/signin'**, *isNotLoggedIn*, authorizationController.signin);  
 app.get(**'/signup'**, *isNotLoggedIn*, authorizationController.signup);  
 app.get(**'/logout'**, *isLoggedIn*, authorizationController.logout);  
  
 app.post(**'/signin'**, passport.authenticate(**'local-signin'**, {  
 **badRequestMessage**: **'Заполните ВСЕ поля.'**,  
 **successRedirect**: **'/main'**,  
 **failureRedirect**: **'/signin.html?error=true'**,  
 **failureFlash**: **true** }));  
 app.post(**'/signup'**, passport.authenticate(**'local-signup'**, {  
 **badRequestMessage**: **'Заполните ВСЕ поля.'**,  
 **successRedirect**: **'/main'**,  
 **failureRedirect**: **'/signup.html?error=true'**,  
 **failureFlash**: **true**,  
 }));  
  
 app.get(**'/main'**, *isLoggedIn*, (req, res) => res.status(200).send({  
 **message**: **'hw'**,  
 }));  
  
 app.get(**'/main/contracts/:id'**, contractsController.one);  
 app.get(**'/main/contracts/team/:team'**, contractsController.listByTeam);  
 app.get(**'/main/contracts/:limit/:offset'**, contractsController.listLimit);  
 app.get(**'/main/contracts/like/:limit/:offset/:like'**, contractsController.listLike);  
 app.get(**'/main/contracts/country/:country'**, contractsController.listByCountry);  
  
 app.get(**'/main/favorites/players'**, favoritesController.**list**);  
  
 app.get(**'/main/teams/:limit/:offset'**, teamController.listLimit);  
 app.get(**'/main/teams/like/:limit/:offset/:like'**, teamController.listLike);  
 app.get(**'/main/teams/country/:country'**, teamController.listByCountry);  
  
 app.get(**'/main/countries/like/:limit/:offset/:like'**, countriesController.listLike);  
 app.get(**'/main/countries/:limit/:offset'**, countriesController.listLimit);  
};