**Получить список вопросов**

https://portal-dis.kpfu.ru/e-ksu/portal\_pg\_mobile.get\_rate\_quests

Пример ответа:

{

    "quests": [

        {

            "id": 292,

            "type": 1,

            "name": "Пунктуальность",

            "order": 1,

            "answers": [

                {

                    "id": 594,

                    "name": "1",

                    "order": 1

                },

                {

                    "id": 595,

                    "name": "2",

                    "order": 2

                },

                {

                    "id": 596,

                    "name": "3",

                    "order": 3

                },

                {

                    "id": 597,

                    "name": "4",

                    "order": 4

                },

                {

                    "id": 598,

                    "name": "5",

                    "order": 5

                }

            ]

        },

        {

            "id": 296,

            "type": 4,

            "name": "Комментарий",

            "order": 5,

            "answers": []

        },

        {

            "id": 297,

            "type": 1,

            "name": "Эмоциональная окраска",

            "order": 6,

            "answers": [

                {

                    "id": 614,

                    "name": "Положительный",

                    "order": 1

                },

                {

                    "id": 615,

                    "name": "Нейтральный",

                    "order": 2

                },

                {

                    "id": 616,

                    "name": "Отрицательный",

                    "order": 3

                }

            ]

        }

    ]

}

quests — список вопросов

id — идентификатор вопроса

type — тип вопроса (1 — вопрос с одним выбором, 4 — вопрос у которого ответ это текст)

name — текст вопроса

order — последовательность вопросов

answers — список ответов

id — идентификатор вопроса

name — текст ответа

order — последовательность ответов

**Поставить оценку пары**

https://portal-dis.kpfu.ru/e-ksu/portal\_pg\_mobile.rate\_lesson?p\_user\_id=234458&p2=1&p\_teacher\_id=10035&p\_subject\_id=185513&p\_time\_interval\_id=26&p\_quest\_id=292&p\_answer\_id=598

Передаваемые параметры:

p\_user\_id — id пользователя ставящего оценку

p2 — идентификатор сессии

p\_teacher\_id — id преподавателя, которому ставится оценка

p\_subject\_id — идентификатор предмета

p\_time\_interval\_id — id временного интервала

p\_quest\_id — id вопроса

либо

p\_answer\_id — id ответа

либо

p\_comment — комментарий, используется в случае если тип вопроса 4

**Получить список комментариев о преподавателе**

https://portal-dis.kpfu.ru/e-ksu/portal\_pg\_mobile.get\_rate\_teacher\_comments?p\_user\_id=1&p2=1&p\_teacher\_id=10035&p\_begin\_year=2019&p\_end\_year=2020

Передаваемые параметры:

p\_user\_id — id пользователя

p2 — идентификатор сессии

p\_teacher\_id — id преподавателя

p\_begin\_year — год с которого показывать комментарии

p\_end\_year — год до которого показывать комментарии

Пример ответа:

{

    "comments": [

        {

            "subject\_id": 185513,

            "subject\_name": "Теория квантовых вычислений и алгоритмов",

            "answer": "Нейтральный",

            "answer\_id": 615,

            "comment": "Хороший препод"

        }

    ]

}

comments — список комментариев

subject\_id — id предмета

subject\_name — название предмета

answer — ответ, тип комментария, если не был указан, то нейтральный

answer\_id — id ответа

comment — текст комментария

**Получить оцененные пользователем предметы**

https://portal-dis.kpfu.ru/e-ksu/portal\_pg\_mobile.get\_rated\_subjects?p\_user\_id=1&p2=1&p\_date=05.02.2020

Передаваемые параметры:

p\_user\_id — id пользователя

p2 — идентификатор сессии

p\_date — дата в формате dd.mm.yyyy

Пример ответа:

{

    "rating": [

        {

            "quest\_id": 292,

            "answer\_id": 597,

            "comment": "",

            "teacher\_id": 10035,

            "teacher\_fullname": "Васильев Александр Валерьевич",

            "subject\_id": 185513,

            "subject\_name": "Теория квантовых вычислений и алгоритмов"

        },

        {

            "quest\_id": 292,

            "answer\_id": 596,

            "comment": "",

            "teacher\_id": 10035,

            "teacher\_fullname": "Васильев Александр Валерьевич",

            "subject\_id": 185513,

            "subject\_name": "Теория квантовых вычислений и алгоритмов"

        },

        {

            "quest\_id": 296,

            "answer\_id": 0,

            "comment": "Хороший препод",

            "teacher\_id": 10035,

            "teacher\_fullname": "Васильев Александр Валерьевич",

            "subject\_id": 185513,

            "subject\_name": "Теория квантовых вычислений и алгоритмов"

        },

        {

            "quest\_id": 293,

            "answer\_id": 601,

            "comment": "",

            "teacher\_id": 10035,

            "teacher\_fullname": "Васильев Александр Валерьевич",

            "subject\_id": 185513,

            "subject\_name": "Теория квантовых вычислений и алгоритмов"

        },

        {

            "quest\_id": 292,

            "answer\_id": 598,

            "comment": "",

            "teacher\_id": 10035,

            "teacher\_fullname": "Васильев Александр Валерьевич",

            "subject\_id": 185513,

            "subject\_name": "Теория квантовых вычислений и алгоритмов"

        }

    ]

}

**Получить рейтинг преподавателя**

https://portal-dis.kpfu.ru/e-ksu/portal\_pg\_mobile.get\_teacher\_rating?p\_user\_id=1&p2=1&p\_teacher\_id=10035&p\_begin\_year=2018&p\_end\_year=2018

Передаваемые параметры:

p\_user\_id — id пользователя

p2 — идентификатор сессии

p\_teacher\_id — id преподавателя

p\_begin\_year — год с которого показывать статистику

p\_end\_year — год до которого показывать статистику

Пример ответа:

avg\_score- средний балл. В зависимости от того где находится, это может быть средний балл за год, за год и определенный предмет, за год и определенный предмет и за определенный вопрос, за месяц, и т.д.

avg\_quest — список вопросов и средний балл за каждый вопрос

{

    "avg\_score": 3.75,

    "avg\_quest": [

        {

            "quest\_id": 292,

            "avg\_score": 4

        },

        {

            "quest\_id": 293,

            "avg\_score": 3

        },

        {

            "quest\_id": 294,

            "avg\_score": 0

        },

        {

            "quest\_id": 295,

            "avg\_score": 0

        }

    ],

    "comments\_counts": 1,

    "years": [

        {

            "year": 2018,

            "avg\_score": 0,

            "avg\_quest": [

                {

                    "quest\_id": 292,

                    "avg\_score": 0

                },

                {

                    "quest\_id": 293,

                    "avg\_score": 0

                },

                {

                    "quest\_id": 294,

                    "avg\_score": 0

                },

                {

                    "quest\_id": 295,

                    "avg\_score": 0

                }

            ],

            "comments\_counts": 0,

            "subjects": [

                {

                    "id": 185513,

                    "name": "Теория квантовых вычислений и алгоритмов",

                    "avg\_score": 0,

                    "avg\_quest": [

                        {

                            "quest\_id": 292,

                            "avg\_score": 0

                        },

                        {

                            "quest\_id": 293,

                            "avg\_score": 0

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                        {

                            "quest\_id": 294,

                            "avg\_score": 0

                        },

                        {

                            "quest\_id": 295,

                            "avg\_score": 0

                        }

                    ]

                },

                {

                    "id": 185515,

                    "name": "Дизайн и анализ алгоритмов",

                    "avg\_score": 0,

                    "avg\_quest": [

                        {

                            "quest\_id": 292,

                            "avg\_score": 0

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                        {

                            "quest\_id": 293,

                            "avg\_score": 0

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                        {

                            "quest\_id": 294,

                            "avg\_score": 0

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                        {

                            "quest\_id": 295,

                            "avg\_score": 0

                        }

                    ]

                },

                {

                    "id": 16580,

                    "name": "Алгоритмы и анализ сложности",

                    "avg\_score": 0,

                    "avg\_quest": [

                        {

                            "quest\_id": 292,

                            "avg\_score": 0

                        },

                        {

                            "quest\_id": 293,

                            "avg\_score": 0

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                        {

                            "quest\_id": 294,

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                        {

                            "quest\_id": 295,

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                        }

                    ]

                }

            ],

            "months": [

                {

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                    "avg\_score": 0,

                    "comments\_counts": 0,

                    "subjects": [

                        {

                            "id": 16580,

                            "name": "Алгоритмы и анализ сложности",

                            "avg\_score": 0,

                            "avg\_quest": [

                                {

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                                {

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                                }

                            ]

                        }

                    ],

                    "avg\_quest": [

                        {

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                        {

                            "quest\_id": 293,

                            "avg\_score": 0

                        },

                        {

                            "quest\_id": 294,

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                        },

                        {

                            "quest\_id": 295,

                            "avg\_score": 0

                        }

                    ]

                },

                {

                    "month": 2,

                    "avg\_score": 0,

                    "comments\_counts": 0,

                    "subjects": [

                        {

                            "id": 16580,

                            "name": "Алгоритмы и анализ сложности",

                            "avg\_score": 0,

                            "avg\_quest": [

                                {

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                                    "avg\_score": 0

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                                {

                                    "quest\_id": 293,

                                    "avg\_score": 0

                                },

                                {

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                                },

                                {

                                    "quest\_id": 295,

                                    "avg\_score": 0

                                }

                            ]

                        }

                    ],

                    "avg\_quest": [

                        {

                            "quest\_id": 292,

                            "avg\_score": 0

                        },

                        {

                            "quest\_id": 293,

                            "avg\_score": 0

                        },

                        {

                            "quest\_id": 294,

                            "avg\_score": 0

                        },

                        {

                            "quest\_id": 295,

                            "avg\_score": 0

                        }

                    ]

                },

                {

                    "month": 3,

                    "avg\_score": 0,

                    "comments\_counts": 0,

                    "subjects": [

                        {

                            "id": 16580,

                            "name": "Алгоритмы и анализ сложности",

                            "avg\_score": 0,

                            "avg\_quest": [

                                {

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                                {

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                                {

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                                },

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                            ]

                        }

                    ],

                    "avg\_quest": [

                        {

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                        {

                            "quest\_id": 293,

                            "avg\_score": 0

                        },

                        {

                            "quest\_id": 294,

                            "avg\_score": 0

                        },

                        {

                            "quest\_id": 295,

                            "avg\_score": 0

                        }

                    ]

                },

                {

                    "month": 4,

                    "avg\_score": 0,

                    "comments\_counts": 0,

                    "subjects": [

                        {

                            "id": 16580,

                            "name": "Алгоритмы и анализ сложности",

                            "avg\_score": 0,

                            "avg\_quest": [

                                {

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                        }

                    ],

                    "avg\_quest": [

                        {

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                            "avg\_score": 0

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                        {

                            "quest\_id": 294,

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                        },

                        {

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                            "avg\_score": 0

                        }

                    ]

                },

                {

                    "month": 5,

                    "avg\_score": 0,

                    "comments\_counts": 0,

                    "subjects": [

                        {

                            "id": 16580,

                            "name": "Алгоритмы и анализ сложности",

                            "avg\_score": 0,

                            "avg\_quest": [

                                {

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                                    "avg\_score": 0

                                },

                                {

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                                    "avg\_score": 0

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                                {

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                                {

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                                    "avg\_score": 0

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                            ]

                        }

                    ],

                    "avg\_quest": [

                        {

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                            "avg\_score": 0

                        },

                        {

                            "quest\_id": 293,

                            "avg\_score": 0

                        },

                        {

                            "quest\_id": 294,

                            "avg\_score": 0

                        },

                        {

                            "quest\_id": 295,

                            "avg\_score": 0

                        }

                    ]

                },

                {

                    "month": 6,

                    "avg\_score": 0,

                    "comments\_counts": 0,

                    "subjects": [

                        {

                            "id": 16580,

                            "name": "Алгоритмы и анализ сложности",

                            "avg\_score": 0,

                            "avg\_quest": [

                                {

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                                    "avg\_score": 0

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                                {

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                                    "avg\_score": 0

                                },

                                {

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                                    "avg\_score": 0

                                }

                            ]

                        }

                    ],

                    "avg\_quest": [

                        {

                            "quest\_id": 292,

                            "avg\_score": 0

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                        {

                            "quest\_id": 293,

                            "avg\_score": 0

                        },

                        {

                            "quest\_id": 294,

                            "avg\_score": 0

                        },

                        {

                            "quest\_id": 295,

                            "avg\_score": 0

                        }

                    ]

                },

                {

                    "month": 7,

                    "avg\_score": 0,

                    "comments\_counts": 0,

                    "subjects": [

                        {

                            "id": 185513,

                            "name": "Теория квантовых вычислений и алгоритмов",

                            "avg\_score": 0,

                            "avg\_quest": [

                                {

                                    "quest\_id": 292,

                                    "avg\_score": 0

                                },

                                {

                                    "quest\_id": 293,

                                    "avg\_score": 0

                                },

                                {

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                                },

                                {

                                    "quest\_id": 295,

                                    "avg\_score": 0

                                }

                            ]

                        },

                        {

                            "id": 185515,

                            "name": "Дизайн и анализ алгоритмов",

                            "avg\_score": 0,

                            "avg\_quest": [

                                {

                                    "quest\_id": 292,

                                    "avg\_score": 0

                                },

                                {

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                                    "avg\_score": 0

                                },

                                {

                                    "quest\_id": 294,

                                    "avg\_score": 0

                                },

                                {

                                    "quest\_id": 295,

                                    "avg\_score": 0

                                }

                            ]

                        }

                    ],

                    "avg\_quest": [

                        {

                            "quest\_id": 292,

                            "avg\_score": 0

                        },

                        {

                            "quest\_id": 293,

                            "avg\_score": 0

                        },

                        {

                            "quest\_id": 294,

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                        },

                        {

                            "quest\_id": 295,

                            "avg\_score": 0

                        }

                    ]

                },

                {

                    "month": 8,

                    "avg\_score": 0,

                    "comments\_counts": 0,

                    "subjects": [

                        {

                            "id": 185513,

                            "name": "Теория квантовых вычислений и алгоритмов",

                            "avg\_score": 0,

                            "avg\_quest": [

                                {

                                    "quest\_id": 292,

                                    "avg\_score": 0

                                },

                                {

                                    "quest\_id": 293,

                                    "avg\_score": 0

                                },

                                {

                                    "quest\_id": 294,

                                    "avg\_score": 0

                                },

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