```json
{
    "info": {
        "_postman_id": "849a7c62-638d-41f0-b55d-0ccd6ad07129",
        "name": "ReqRes API",
        "schema":
"https://schema.getpostman.com/json/collection/v2.1.0/collection.json",
        "_exporter_id": "33405957"
    },
    "item": [
        {
            "name": "Aduce o lista de resurse",
            "event": [
                {
                    "listen": "test",
                    "script": {
                        "exec": [
                            "pm.test(\"Response status code
is 200\", function () {",
                            "
pm.expect(pm.response.code).to.equal(200);",
                            "});",
                            "",
                            "",
                            "pm.test(\"Content-Type header is
application/json\", function () {",
                            "
pm.expect(pm.response.headers.get(\"Content-
Type\")).to.include(\"application/json\");",
                            "});",
                            "",
                            "",
                            "pm.test(\"Data array is present
and has the expected number of elements\", function () {",
                            "    const responseData =
pm.response.json();",
                            "    ",
                            "
pm.expect(responseData).to.be.an('object');",
                            "
pm.expect(responseData.data).to.exist.and.to.be.an('array');",
                            "
pm.expect(responseData.data).to.have.lengthOf(1);",
                            "});",
                            "",
                            "",
                            "pm.test(\"Support object should
exist and be an object\", function () {",
                            "    const responseData =
pm.response.json();",
                            "    ",
                            "
pm.expect(responseData.support).to.exist.and.to.be.an('object');",
                            "});",
                            "",
```

```
                                                          "",
                                                          "pm.test(\"Verify data
properties\", function () {",
                                                          "    const responseData =
pm.response.json();",
                                                          "    ",
                                                          "
pm.expect(responseData).to.be.an('object');",
                                                          "
pm.expect(responseData.data).to.be.an('array');",
                                                          "    ",
                                                          "
responseData.data.forEach(function(item) {",
                                                          "
pm.expect(item.id).to.be.a('number').and.to.be.at.least(0);",
                                                          "
pm.expect(item.name).to.be.a('string').and.to.have.lengthOf.at.least(1,
\"Name should not be empty\");",
                                                          "
pm.expect(item.year).to.be.a('number').and.to.be.at.least(0);",
                                                          "
pm.expect(item.color).to.be.a('string').and.to.have.lengthOf.at.least(1,
\"Color should not be empty\");",
                                                          "
pm.expect(item.pantone_value).to.be.a('string').and.to.have.lengthOf.at.l
east(1, \"Pantone value should not be empty\");",
                                                          "    });",
                                                          "});"
                                              ],
                                              "type": "text/javascript"
                                    }
                          }
                ],
                "request": {
                          "method": "GET",
                          "header": [],
                          "url": {
                                    "raw": "https://reqres.in/api/{resource}",
                                    "protocol": "https",
                                    "host": [
                                              "reqres",
                                              "in"
                                    ],
                                    "path": [
                                              "api",
                                              "{resource}"
                                    ]
                          }
                },
                "response": []
          },
          {
                "name": "Aduce o lista de useri",
                "event": [
```

```
                              {
                                      "listen": "test",
                                      "script": {
                                              "exec": [
                                                      "pm.test(\"Response status code
is 200\", function () {",
                                                      "
pm.response.to.have.status(200);",
                                                      "});",
                                                      "",
                                                      "",
                                                      "pm.test(\"Content-Type header is
application/json\", function () {",
                                                      "
pm.expect(pm.response.headers.get(\"Content-
Type\")).to.include(\"application/json\");",
                                                      "});",
                                                      "",
                                                      "",
                                                      "pm.test(\"Data array in the
response should exist and be an array\", function () {",
                                                      "    const responseData =
pm.response.json();",
                                                      "",
                                                      "
pm.expect(responseData.data).to.exist;",
                                                      "
pm.expect(responseData.data).to.be.an('array');",
                                                      "});",
                                                      "",
                                                      "",
                                                      "pm.test(\"Email is in a valid
format\", function () {",
                                                      "    const responseData =
pm.response.json();",
                                                      "    ",
                                                      "
pm.expect(responseData.data).to.be.an('array').that.is.not.empty;",
                                                      "    ",
                                                      "
responseData.data.forEach(function(user) {",
                                                      "
pm.expect(user.email).to.be.a('string').and.to.match(/^.+@.+\\..+$/);",
                                                      "    });",
                                                      "});",
                                                      "",
                                                      "",
                                                      "pm.test(\"Support object is
present and contains expected fields\", function () {",
                                                      "    const responseData =
pm.response.json();",
                                                      "    ",
                                                      "
pm.expect(responseData).to.be.an('object');",
```

```
                                                   "
pm.expect(responseData.support).to.exist;",
                                                   "
pm.expect(responseData.support.url).to.exist;",
                                                   "
pm.expect(responseData.support.text).to.exist;",
                                        "});"
                               ],
                               "type": "text/javascript"
                         }
                   }
              ],
              "request": {
                    "method": "GET",
                    "header": [],
                    "url": {
                          "raw": "https://reqres.in/api/users",
                          "protocol": "https",
                          "host": [
                                "reqres",
                                "in"
                          ],
                          "path": [
                                "api",
                                "users"
                          ]
                    }
              },
              "response": []
         },
         {
              "name": "Aduce un user",
              "event": [
                    {
                          "listen": "test",
                          "script": {
                                "exec": [
                                      "pm.test(\"Response status code
is 404\", function () {",
                                                   "
pm.expect(pm.response.code).to.equal(404);",
                                        "});",
                                        "",
                                        "",
                                        "pm.test(\"Response has the
required Content-Type header with value application/json\", function ()
{",
                                                   "
pm.expect(pm.response.headers.get(\"Content-
Type\")).to.include(\"application/json\");",
                                        "});",
                                        "",
                                        "",
```

```
                                        "pm.test(\"Response body is an
empty object\", function () {",
                                        "  const responseData =
pm.response.json();",
                                        "  ",
                                        "
pm.expect(responseData).to.be.an('object').that.is.empty;",
                                        "});",
                                        "",
                                        "",
                                        "pm.test(\"Ensure that the
response body is a valid JSON\", function () {",
                                        "
pm.expect(pm.response.json()).to.not.be.null;",
                                        "});",
                                        "",
                                        "",
                                        "pm.test(\"Response does not
contain sensitive information\", function () {",
                                        "    const responseData =
pm.response.json();",
                                        "    ",
                                        "
pm.expect(responseData).to.be.an('object');",
                                        "
pm.expect(responseData).to.not.include.keys('password',
'credit_card_number', 'ssn', 'security_question');",
                                        "});"
                                ],
                                "type": "text/javascript"
                            }
                        }
                    ],
                    "protocolProfileBehavior": {
                        "disableBodyPruning": true
                    },
                    "request": {
                        "method": "GET",
                        "header": [],
                        "body": {
                            "mode": "raw",
                            "raw": "",
                            "options": {
                                "raw": {
                                    "language": "json"
                                }
                            }
                        },
                        "url": {
                            "raw": "https://reqres.in/api/users/,",
                            "protocol": "https",
                            "host": [
                                "reqres",
                                "in"
```

```
                    ],
                    "path": [
                        "api",
                        "users",
                        ","
                    ]
                }
            },
            "response": []
        },
        {
            "name": "Aduce la zi intregul user",
            "event": [
                {
                    "listen": "test",
                    "script": {
                        "exec": [
                            "pm.test(\"Response status code
is 200\", function () {",
                            "
pm.expect(pm.response.code).to.equal(200);",
                            "});",
                            "",
                            "",
                            "pm.test(\"Response has the
required field - updatedAt\", function () {",
                            "    const responseData =
pm.response.json();",
                            "    ",
                            "
pm.expect(responseData.updatedAt).to.exist;",
                            "});",
                            "",
                            "",
                            "pm.test(\"UpdatedAt is in a
valid date format\", function () {",
                            "    const responseData =
pm.response.json();",
                            "    ",
                            "
pm.expect(responseData.updatedAt).to.match(/^\\d{4}-\\d{2}-
\\d{2}T\\d{2}:\\d{2}:\\d{2}.\\d{3}Z$/, \"UpdatedAt should be in valid
date format\");",
                            "});"
                        ],
                        "type": "text/javascript"
                    }
                }
            ],
            "request": {
                "auth": {
                    "type": "noauth"
                },
                "method": "PUT",
```

```json
                    "header": [],
                    "body": {
                        "mode": "raw",
                        "raw": "",
                        "options": {
                            "raw": {
                                "language": "json"
                            }
                        }
                    },
                    "url": {
                        "raw": "https://reqres.in/api/users/{id}",
                        "protocol": "https",
                        "host": [
                            "reqres",
                            "in"
                        ],
                        "path": [
                            "api",
                            "users",
                            "{id}"
                        ]
                    }
                },
                "response": []
            },
            {
                "name": "Aduce la zi anumite informatii specifice ale unui user",
                "event": [
                    {
                        "listen": "test",
                        "script": {
                            "exec": [
                                "pm.test(\"Response status code is 200\", function () {",
                                "    pm.response.to.have.status(200);",
                                "});",
                                "",
                                "",
                                "pm.test(\"Content type is application/json\", function () {",
                                "    pm.expect(pm.response.headers.get(\"Content-Type\")).to.include(\"application/json\");",
                                "});",
                                "",
                                "",
                                "pm.test(\"Response has the required field - updatedAt\", function () {",
                                "    const responseData = pm.response.json();",
                                "    ",
```

```
                                                       "
pm.expect(responseData.updatedAt).to.exist;",
                                        "});",
                                        "",
                                        "",
                                        "pm.test(\"UpdatedAt field is in
a valid date format\", function () {",
                                        "     const responseData =
pm.response.json();",
                                        "     ",
                                        "
pm.expect(responseData).to.be.an('object');",
                                        "
pm.expect(responseData.updatedAt).to.match(/^\\d{4}-\\d{2}-
\\d{2}T\\d{2}:\\d{2}:\\d{2}.\\d{3}Z$/, \"UpdatedAt should be in valid
date format\");",
                                        "});"
                                ],
                                "type": "text/javascript"
                        }
                    }
                ],
                "request": {
                    "method": "PATCH",
                    "header": [],
                    "url": {
                        "raw": "https://reqres.in/api/users/{id}",
                        "protocol": "https",
                        "host": [
                            "reqres",
                            "in"
                        ],
                        "path": [
                            "api",
                            "users",
                            "{id}"
                        ]
                    }
                },
                "response": []
            },
            {
                "name": "Sterge un user",
                "request": {
                    "method": "DELETE",
                    "header": [],
                    "url": {
                        "raw": "https://reqres.in/api/users/{id}",
                        "protocol": "https",
                        "host": [
                            "reqres",
                            "in"
                        ],
                        "path": [
```

```
                                        "api",
                                        "users",
                                        "{id}"
                                ]
                        }
                },
                "response": []
        },
        {
                "name": "Aduce detalii despre o resursa in functie de
mentiunea acesteia",
                "request": {
                        "auth": {
                                "type": "noauth"
                        },
                        "method": "GET",
                        "header": [],
                        "url": {
                                "raw":
"https://reqres.in/api/{resource}/{id}",
                                "protocol": "https",
                                "host": [
                                        "reqres",
                                        "in"
                                ],
                                "path": [
                                        "api",
                                        "{resource}",
                                        "{id}"
                                ]
                        }
                },
                "response": []
        },
        {
                "name": "Modifica  o resursa in functie de mentiunea
acesteia",
                "event": [
                        {
                                "listen": "test",
                                "script": {
                                        "exec": [
                                                "pm.test(\"Response status code
is 200\", function () {",
                                                "
pm.expect(pm.response.code).to.equal(200);",
                                                "});",
                                                "",
                                                "",
                                                "pm.test(\"Response has the
required fields\", function () {",
                                                "    const responseData =
pm.response.json();",
                                                "    ",
```

```
                                                "
pm.expect(responseData).to.be.an('object');",
                                                "
pm.expect(responseData.updatedAt).to.exist;",
                                                "});",
                                                "",
                                                "",
                                                "pm.test(\"UpdatedAt is in a
valid date format\", function () {",
                                                "    const responseData =
pm.response.json();",
                                                "    ",
                                                "
pm.expect(responseData).to.be.an('object');",
                                                "
pm.expect(responseData.updatedAt).to.match(/^\\d{4}-\\d{2}-
\\d{2}T\\d{2}:\\d{2}:\\d{2}.\\d{3}Z$/, \"Invalid date format\");",
                                                "});",
                                                "",
                                                "",
                                                "pm.test(\"Content-Type header is
application/json\", function () {",
                                                "
pm.expect(pm.response.headers.get(\"Content-
Type\")).to.include(\"application/json\");",
                                                "});",
                                                "",
                                                "",
                                                "pm.test(\"Verify the request URL
is correct\", function () {",
                                                "
pm.expect(pm.request.url.toString()).to.equal(\"https://reqres.in/api/{re
source}/{id}\");",
                                                "});"
                                    ],
                                    "type": "text/javascript"
                            }
                        }
                ],
                "request": {
                        "auth": {
                                "type": "noauth"
                        },
                        "method": "PUT",
                        "header": [],
                        "url": {
                                "raw":
"https://reqres.in/api/{resource}/{id}",
                                "protocol": "https",
                                "host": [
                                        "reqres",
                                        "in"
                                ],
                                "path": [
```

```
                                    "api",
                                    "{resource}",
                                    "{id}"
                            ]
                        }
                },
                "response": []
        },
        {
                "name": "Modifica Anumite detalii ale unei resurse in
functie de mentiunea acesteia",
                "event": [
                        {
                                "listen": "test",
                                "script": {
                                        "exec": [
                                                "pm.test(\"Response status code
is 200\", function () {",
                                                "
pm.response.to.have.status(200);",
                                                "});",
                                                "",
                                                "",
                                                "pm.test(\"Response has the
required field 'updatedAt'\", function () {",
                                                "    const responseData =
pm.response.json();",
                                                "    ",
                                                "
pm.expect(responseData.updatedAt).to.exist;",
                                                "});",
                                                "",
                                                "",
                                                "pm.test(\"UpdatedAt field is in
a valid date format\", function () {",
                                                "    const responseData =
pm.response.json();",
                                                "    ",
                                                "
pm.expect(responseData.updatedAt).to.match(/^\\d{4}-\\d{2}-
\\d{2}T\\d{2}:\\d{2}:\\d{2}.\\d{3}Z$/, \"UpdatedAt field should be in
valid date format\");",
                                                "});",
                                                "",
                                                "",
                                                "pm.test(\"Content type is
application/json\", function () {",
                                                "
pm.expect(pm.response.headers.get(\"Content-
Type\")).to.include(\"application/json\");",
                                                "});",
                                                "",
                                                "",
```

```
                                                        "pm.test(\"Id in the request URL
matches the id in the response\", function () {",
                                                        "    const requestUrl =
pm.request.url;",
                                                        "    const requestId =
requestUrl.match(/\\/api\\/\\w+\\/(\\d+)/)[1]; // Extract id from the
request URL",
                                                        "    const responseData =
pm.response.json();",
                                                        "    ",
                                                        "
pm.expect(responseData.id).to.equal(requestId);",
                                                        "});"
                                                    ],
                                                    "type": "text/javascript"
                                                }
                                            }
                                    ],
                                    "request": {
                                        "auth": {
                                            "type": "noauth"
                                        },
                                        "method": "PATCH",
                                        "header": [],
                                        "url": {
                                            "raw":
"https://reqres.in/api/{resource}/{id}",
                                            "protocol": "https",
                                            "host": [
                                                "reqres",
                                                "in"
                                            ],
                                            "path": [
                                                "api",
                                                "{resource}",
                                                "{id}"
                                            ]
                                        }
                                    },
                                    "response": []
                            },
                            {
                                "name": "Sterge o anumita resursa",
                                "request": {
                                    "auth": {
                                        "type": "noauth"
                                    },
                                    "method": "DELETE",
                                    "header": [],
                                    "url": {
                                        "raw":
"https://reqres.in/api/{resource}/{id}",
                                        "protocol": "https",
                                        "host": [
```

```
                                        "reqres",
                                        "in"
                                ],
                                "path": [
                                        "api",
                                        "{resource}",
                                        "{id}"
                                ]
                        }
                },
                "response": []
        },
        {
                "name": "Inregistreaza/Creaza un user",
                "event": [
                        {
                                "listen": "test",
                                "script": {
                                        "exec": [
                                                "pm.test(\"Response status code
is 400\", function () {",
                                                "
pm.expect(pm.response.code).to.equal(400);",
                                                "});",
                                                "",
                                                "",
                                                "pm.test(\"Content-Type is
application/json\", function () {",
                                                "
pm.expect(pm.response.headers.get(\"Content-
Type\")).to.include(\"application/json\");",
                                                "});",
                                                "",
                                                "",
                                                "pm.test(\"Error message is
present in the response\", function () {",
                                                "  const responseData =
pm.response.json();",
                                                "",
                                                "
pm.expect(responseData.error).to.exist.and.to.be.a('string');",
                                                "});",
                                                "",
                                                "",
                                                "pm.test(\"Error message is a
non-empty string\", function () {",
                                                "    const responseData =
pm.response.json();",
                                                "    ",
                                                "
pm.expect(responseData.error).to.be.a('string').and.to.have.lengthOf.at.l
east(1, \"Error message should not be empty\");",
                                                "});",
                                                "",
```

```
                                                                "",
                                                                "pm.test(\"Response time is less
than 500ms\", function () {",
                                                                "
pm.expect(pm.response.responseTime).to.be.below(500);",
                                                                "});"
                                        ],
                                        "type": "text/javascript"
                                }
                        }
                ],
                "request": {
                        "auth": {
                                "type": "noauth"
                        },
                        "method": "POST",
                        "header": [],
                        "body": {
                                "mode": "raw",
                                "raw": "{\r\n  \"username\":
\"Flavius\",\r\n  \"email\": \"flaviusss@gmail.com\",\r\n  \"password\":
\"string\"\r\n}",
                                "options": {
                                        "raw": {
                                                "language": "json"
                                        }
                                }
                        },
                        "url": {
                                "raw": "https://reqres.in/api/register",
                                "protocol": "https",
                                "host": [
                                        "reqres",
                                        "in"
                                ],
                                "path": [
                                        "api",
                                        "register"
                                ]
                        }
                },
                "response": []
        },
        {
                "name": "Logeaza un user",
                "event": [
                        {
                                "listen": "test",
                                "script": {
                                        "exec": [
                                                "pm.test(\"Response status code
is 400\", function () {",
                                                "
pm.expect(pm.response.code).to.equal(400);",
```

```
                                                        "});",
                                                        "",
                                                        "",
                                                        "pm.test(\"Response has the
required fields\", function () {",
                                                        "    const responseData =
pm.response.json();",
                                                        "     ",
                                                        "
pm.expect(responseData).to.be.an('object');",
                                                        "
pm.expect(responseData.error).to.exist.and.to.be.a('string');",
                                                        "});",
                                                        "",
                                                        "",
                                                        "pm.test(\"Error message is
present and not empty\", function () {",
                                                        "   const responseData =
pm.response.json();",
                                                        "   ",
                                                        "
pm.expect(responseData.error).to.exist.and.to.not.be.empty;",
                                                        "});",
                                                        "",
                                                        "",
                                                        "pm.test(\"Content-Type header is
application/json\", function () {",
                                                        "
pm.expect(pm.response.headers.get(\"Content-
Type\")).to.include(\"application/json\");",
                                                        "});",
                                                        "",
                                                        "",
                                                        "pm.test(\"Response body is not
empty\", function () {",
                                                        "   const responseData =
pm.response.json();",
                                                        "
pm.expect(responseData).to.not.be.empty;",
                                                        "});"
                                                    ],
                                                    "type": "text/javascript"
                                                }
                                            }
                                    ],
                                    "request": {
                                            "auth": {
                                                    "type": "noauth"
                                            },
                                            "method": "POST",
                                            "header": [],
                                            "body": {
                                                    "mode": "raw",
```

```
                              "raw": "{\r\n  \"username\":
\"Flavius\",\r\n  \"email\": \"flaviusss@gmail.com\",\r\n  \"password\":
\"string\"\r\n}",
                              "options": {
                                    "raw": {
                                          "language": "json"
                                    }
                              }
                        },
                        "url": {
                              "raw": "https://reqres.in/api/login",
                              "protocol": "https",
                              "host": [
                                    "reqres",
                                    "in"
                              ],
                              "path": [
                                    "api",
                                    "login"
                              ]
                        }
                  },
                  "response": []
            },
            {
                  "name": "Delogeaza un user",
                  "event": [
                        {
                              "listen": "test",
                              "script": {
                                    "exec": [
                                          "pm.test(\"Response status code
is 200\", function () {\r",
                                          "
pm.expect(pm.response.code).to.equal(200);\r",
                                          "});\r",
                                          "\r",
                                          "\r",
                                          "pm.test(\"Response time is less
than 200ms\", function () {\r",
                                          "
pm.expect(pm.response.responseTime).to.be.below(200);\r",
                                          "});\r",
                                          "\r",
                                          "\r",
                                          "pm.test(\"Response has the
expected Content-Type header\", function () {\r",
                                          "
pm.expect(pm.response.headers.get(\"Content-
Type\")).to.include(\"application/json\");\r",
                                          "});\r",
                                          "\r",
                                          "\r",
```

```
                                                            "pm.test(\"Response schema is
valid JSON\", function () {\r",
                                                            "    pm.response.to.be.json;\r",
                                                            "});\r",
                                                            "\r",
                                                            "\r",
                                                            "pm.test(\"Response body is not
empty\", function () {\r",
                                                            "    const responseData =
pm.response.json();\r",
                                                            "    \r",
                                                            "
pm.expect(responseData).to.not.be.empty;\r",
                                                            "});\r",
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                                "raw": "",
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                                        "raw": {
                                                "language": "json"
                                        }
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                                "protocol": "https",
                                "host": [
                                        "reqres",
                                        "in"
                                ],
                                "path": [
                                        "api",
                                        "logout"
                                ]
                        }
                },
                "response": []
        }
    ]
}
```