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  "info": {
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    "version": "v0"
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  "servers": [
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      "description": "Generated server url"
    }
  ],
  "paths": {
    "/api/medical_office/patients/{cnp}": {
      "get": {
        "tags": [
          "patients-controller"
        ],
        "summary": "Get patient resource by own ID.",
        "operationId": "getPatientByCnp",
        "parameters": [
          {
            "name": "cnp",
            "in": "path",
            "required": true,
            "schema": {
              "type": "string"
            }
          }
        ],
        "responses": {
          "200": {
            "description": "Resource found",
            "content": {
              "application/json": {
                "schema": {
                  "$ref": "#/components/schemas/PatientsTable"
                }
              }
            }
          },
          "400": {
            "description": "Bad Request",
            "content": {
              "*/*": {
                "schema": {
                  "type": "string"
                }
              }
            }
          },
          "404": {
            "description": "Resource not found",
            "content": {
              "application/json": {
                "schema": {
                  "$ref": "#/components/schemas/NotFoundException"
                }
              }
            }
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          "406": {
            "description": "Not Acceptable",
            "content": {
              "*/*": {
                "schema": {
                  "type": "string"
                }
              }
            }
          },
          "409": {
            "description": "Conflict",
            "content": {
              "*/*": {
                "schema": {
                  "type": "string"
                }
              }
            }
          },
          "422": {
            "description": "Unprocessable Entity",
            "content": {
              "*/*": {
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              "schema": {
                "type": "string"
              }
            }
          }
        }
      }
    },
    "put": {
      "tags": [
        "patients-controller"
      ],
      "summary": "Create/update patient resource with PUT because ID is manually.",
      "operationId": "createORUpdatePatient",
      "parameters": [
        {
          "name": "cnp",
          "in": "path",
          "required": true,
          "schema": {
            "type": "string"
          }
        }
      ],
      "requestBody": {
        "content": {
          "application/json": {
            "schema": {
              "$ref": "#/components/schemas/PatientsTable"
            }
          }
        },
        "required": true
      },
      "responses": {
        "201": {
          "description": "Resource created",
          "content": {
            "application/json": {
              "schema": {
                "$ref": "#/components/schemas/PatientsTable"
              }
            }
          }
        },
        "204": {
          "description": "Resource updated successfully"
        },
        "400": {
          "description": "Bad Request",
          "content": {
            "*/*": {
              "schema": {
                "type": "string"
              }
            }
          }
        },
        "404": {
          "description": "Not Found",
          "content": {
            "*/*": {
              "schema": {
                "type": "string"
              }
            }
          }
        },
        "406": {
          "description": "Not Acceptable - Requested representation not acceptable",
          "content": {
            "application/json": {
              "schema": {
                "$ref": "#/components/schemas/NotAcceptableException"
              }
            }
          }
        },
        "409": {
          "description": "Conflict - Resource already exists",
          "content": {
            "application/json": {
              "schema": {
                "$ref": "#/components/schemas/ConflictException"
              }
            }
          }
        }
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      },
      "422": {
        "description": "Unprocessable Entity - Invalid content",
        "content": {
          "application/json": {
            "schema": {
              "$ref": "#/components/schemas/UnprocessableContentException"
            }
          }
        }
      }
    }
  },
  "delete": {
    "tags": [
      "patients-controller"
    ],
    "summary": "Delete patient resource.",
    "operationId": "deletePatient",
    "parameters": [
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        "name": "cnp",
        "in": "path",
        "required": true,
        "schema": {
          "type": "string"
        }
      }
    ],
    "responses": {
      "200": {
        "description": "Resource deleted successfully",
        "content": {
          "application/json": {
            "schema": {
              "$ref": "#/components/schemas/PatientsTable"
            }
          }
        }
      },
      "400": {
        "description": "Bad Request",
        "content": {
          "*/*": {
            "schema": {
              "type": "string"
            }
          }
        }
      },
      "404": {
        "description": "Not Found - Resource not found",
        "content": {
          "application/json": {
            "schema": {
              "$ref": "#/components/schemas/NotFoundException"
            }
          }
        }
      },
      "406": {
        "description": "Not Acceptable - Invalid request",
        "content": {
          "application/json": {
            "schema": {
              "$ref": "#/components/schemas/NotAcceptableException"
            }
          }
        }
      },
      "409": {
        "description": "Conflict",
        "content": {
          "*/*": {
            "schema": {
              "type": "string"
            }
          }
        }
      },
      "422": {
        "description": "Unprocessable Entity",
        "content": {
          "*/*": {
            "schema": {
              "type": "string"
            }
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            }
          }
        }
      }
    },
    "/api/medical_office/doctors/{idDoctor}": {
      "get": {
        "tags": [
          "doctors-controller"
        ],
        "summary": "Get doctor resource by own ID.",
        "operationId": "getDoctorByIdDoctor",
        "parameters": [
          {
            "name": "idDoctor",
            "in": "path",
            "required": true,
            "schema": {
              "type": "integer",
              "format": "int32"
            }
          }
        ],
        "responses": {
          "200": {
            "description": "Resource found",
            "content": {
              "application/json": {
                "schema": {
                  "$ref": "#/components/schemas/DoctorsTable"
                }
              }
            }
          },
          "400": {
            "description": "Bad Request",
            "content": {
              "*/*": {
                "schema": {
                  "type": "string"
                }
              }
            }
          },
          "404": {
            "description": "Resource not found",
            "content": {
              "application/json": {
                "schema": {
                  "$ref": "#/components/schemas/NotFoundException"
                }
              }
            }
          },
          "406": {
            "description": "Not Acceptable",
            "content": {
              "*/*": {
                "schema": {
                  "type": "string"
                }
              }
            }
          },
          "409": {
            "description": "Conflict",
            "content": {
              "*/*": {
                "schema": {
                  "type": "string"
                }
              }
            }
          },
          "422": {
            "description": "Unprocessable Entity",
            "content": {
              "*/*": {
                "schema": {
                  "type": "string"
                }
              }
            }
          }
        }
      },
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    "put": {
      "tags": [
        "doctors-controller"
      ],
      "summary": "Update doctor resource.",
      "operationId": "updateDoctor",
      "parameters": [
        {
          "name": "idDoctor",
          "in": "path",
          "required": true,
          "schema": {
            "type": "integer",
            "format": "int32"
          }
        }
      ],
      "requestBody": {
        "content": {
          "application/json": {
            "schema": {
              "$ref": "#/components/schemas/DoctorsTable"
            }
          }
        },
        "required": true
      },
      "responses": {
        "204": {
          "description": "Resource updated successfully"
        },
        "400": {
          "description": "Bad Request",
          "content": {
            "*/*": {
              "schema": {
                "type": "string"
              }
            }
          }
        },
        "404": {
          "description": "Not Found - Resource not found",
          "content": {
            "application/json": {
              "schema": {
                "$ref": "#/components/schemas/NotFoundException"
              }
            }
          }
        },
        "406": {
          "description": "Not Acceptable - Invalid request",
          "content": {
            "application/json": {
              "schema": {
                "$ref": "#/components/schemas/NotAcceptableException"
              }
            }
          }
        },
        "409": {
          "description": "Conflict - Requested representation conflicts with current state",
          "content": {
            "application/json": {
              "schema": {
                "$ref": "#/components/schemas/ConflictException"
              }
            }
          }
        },
        "422": {
          "description": "Unprocessable Entity - Invalid content",
          "content": {
            "application/json": {
              "schema": {
                "$ref": "#/components/schemas/UnprocessableContentException"
              }
            }
          }
        }
      }
    }
  },
  "/api/medical_office/appointments/patient/{cnp}/doctor/{idDoctor}": {
    "put": {
      "tags": [
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    "appointments-controller"
  ],
  "summary": "Create/update appointment resource with PUT because ID is manually.",
  "operationId": "createORUpdateAppointment",
  "parameters": [
    {
      "name": "cnp",
      "in": "path",
      "required": true,
      "schema": {
        "type": "string"
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    },
    {
      "name": "idDoctor",
      "in": "path",
      "required": true,
      "schema": {
        "type": "integer",
        "format": "int32"
      }
    }
  ],
  "requestBody": {
    "content": {
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        "schema": {
          "$ref": "#/components/schemas/AppointmentsTable"
        }
      }
    },
    "required": true
  },
  "responses": {
    "201": {
      "description": "Resource created",
      "content": {
        "application/json": {
          "schema": {
            "$ref": "#/components/schemas/PatientsTable"
          }
        }
      }
    },
    "204": {
      "description": "Resource updated successfully"
    },
    "400": {
      "description": "Bad Request",
      "content": {
        "*/*": {
          "schema": {
            "type": "string"
          }
        }
      }
    },
    "404": {
      "description": "Not Found",
      "content": {
        "*/*": {
          "schema": {
            "type": "string"
          }
        }
      }
    },
    "406": {
      "description": "Not Acceptable - Requested representation not acceptable",
      "content": {
        "application/json": {
          "schema": {
            "$ref": "#/components/schemas/NotAcceptableException"
          }
        }
      }
    },
    "409": {
      "description": "Conflict - Resource already exists",
      "content": {
        "application/json": {
          "schema": {
            "$ref": "#/components/schemas/ConflictException"
          }
        }
      }
    },
```

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        "422": {
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          "content": {
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              "schema": {
                "$ref": "#/components/schemas/UnprocessableContentException"
              }
            }
          }
        }
      }
    },
    "/api/medical_office/doctors": {
      "get": {
        "tags": [
          "doctors-controller"
        ],
        "summary": "Get all/searched doctors resources",
        "operationId": "getAllDoctors",
        "parameters": [
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            "name": "page",
            "in": "query",
            "required": false,
            "schema": {
              "minimum": 0,
              "type": "integer",
              "format": "int32"
            }
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            "name": "itemsPerPage",
            "in": "query",
            "required": false,
            "schema": {
              "minimum": 1,
              "type": "integer",
              "format": "int32"
            }
          },
          {
            "name": "lastname",
            "in": "query",
            "required": false,
            "schema": {
              "type": "string"
            }
          },
          {
            "name": "firstname",
            "in": "query",
            "required": false,
            "schema": {
              "type": "string"
            }
          },
          {
            "name": "email",
            "in": "query",
            "required": false,
            "schema": {
              "type": "string"
            }
          },
          {
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            "in": "query",
            "required": false,
            "schema": {
              "type": "string"
            }
          },
          {
            "name": "specialization",
            "in": "query",
            "required": false,
            "schema": {
              "type": "string"
            }
          }
        ],
        "responses": {
          "200": {
            "description": "Successful operation - Found all/searched resources",
            "content": {
              "application/json": {
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            "schema": {
              "type": "array",
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                "$ref": "#/components/schemas/DoctorsTable"
              }
            }
          }
        }
      },
      "400": {
        "description": "Bad Request - Invalid syntax for query params",
        "content": {}
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      "404": {
        "description": "Not Found - Resource not found !",
        "content": {
          "application/json": {
            "schema": {
              "$ref": "#/components/schemas/NotFoundException"
            }
          }
        }
      },
      "406": {
        "description": "Not Acceptable - Requested representation not acceptable",
        "content": {
          "application/json": {
            "schema": {
              "$ref": "#/components/schemas/NotAcceptableException"
            }
          }
        }
      },
      "409": {
        "description": "Conflict",
        "content": {
          "*/*": {
            "schema": {
              "type": "string"
            }
          }
        }
      },
      "422": {
        "description": "Unprocessable Entity - Invalid values for query params",
        "content": {
          "application/json": {
            "schema": {
              "$ref": "#/components/schemas/UnprocessableContentException"
            }
          }
        }
      }
    }
  },
  "post": {
    "tags": [
      "doctors-controller"
    ],
    "summary": "Create doctor resource  with POST because ID is autogenerated.",
    "operationId": "createDoctor",
    "requestBody": {
      "content": {
        "application/json": {
          "schema": {
            "$ref": "#/components/schemas/DoctorsTable"
          }
        }
      },
      "required": true
    },
    "responses": {
      "201": {
        "description": "Resource created",
        "content": {
          "application/json": {
            "schema": {
              "$ref": "#/components/schemas/DoctorsTable"
            }
          }
        }
      },
      "400": {
        "description": "Bad Request",
        "content": {
          "*/*": {
            "schema": {
```

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                "type": "string"
              }
            }
          }
        },
        "404": {
          "description": "Not Found",
          "content": {
            "*/*": {
              "schema": {
                "type": "string"
              }
            }
          }
        },
        "406": {
          "description": "Not Acceptable - Requested representation not acceptable",
          "content": {
            "application/json": {
              "schema": {
                "$ref": "#/components/schemas/NotAcceptableException"
              }
            }
          }
        },
        "409": {
          "description": "Conflict - Resource already exists",
          "content": {
            "application/json": {
              "schema": {
                "$ref": "#/components/schemas/ConflictException"
              }
            }
          }
        },
        "422": {
          "description": "Unprocessable Entity - Invalid content",
          "content": {
            "application/json": {
              "schema": {
                "$ref": "#/components/schemas/UnprocessableContentException"
              }
            }
          }
        }
      }
    }
  },
  "/api/medical_office/patients": {
    "get": {
      "tags": [
        "patients-controller"
      ],
      "summary": "Get all/searched patient resources",
      "operationId": "getAllPatients",
      "parameters": [
        {
          "name": "lastname",
          "in": "query",
          "required": false,
          "schema": {
            "type": "string"
          }
        },
        {
          "name": "firstname",
          "in": "query",
          "required": false,
          "schema": {
            "type": "string"
          }
        },
        {
          "name": "email",
          "in": "query",
          "required": false,
          "schema": {
            "type": "string"
          }
        },
        {
          "name": "phone",
          "in": "query",
          "required": false,
          "schema": {
            "type": "string"
          }
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        },
        {
          "name": "birthdate",
          "in": "query",
          "required": false,
          "schema": {
            "type": "string",
            "format": "date-time"
          }
        }
      ],
      "responses": {
        "200": {
          "description": "Successful operation - Found all/searched resources",
          "content": {
            "application/json": {
              "schema": {
                "type": "array",
                "items": {
                  "$ref": "#/components/schemas/PatientsTable"
                }
              }
            }
          }
        },
        "400": {
          "description": "Bad Request - Invalid syntax for query params",
          "content": {}
        },
        "404": {
          "description": "Not Found - Resource not found !",
          "content": {
            "application/json": {
              "schema": {
                "$ref": "#/components/schemas/NotFoundException"
              }
            }
          }
        },
        "406": {
          "description": "Not Acceptable - Requested representation not acceptable",
          "content": {
            "application/json": {
              "schema": {
                "$ref": "#/components/schemas/NotAcceptableException"
              }
            }
          }
        },
        "409": {
          "description": "Conflict",
          "content": {
            "*/*": {
              "schema": {
                "type": "string"
              }
            }
          }
        },
        "422": {
          "description": "Unprocessable Entity - Invalid values for query params",
          "content": {
            "application/json": {
              "schema": {
                "$ref": "#/components/schemas/UnprocessableContentException"
              }
            }
          }
        }
      }
    }
  },
  "/api/medical_office/patients/user/{idUser}": {
    "get": {
      "tags": [
        "patients-controller"
      ],
      "summary": "Get patient resource by idUser field.",
      "operationId": "getPatientByIdUser",
      "parameters": [
        {
          "name": "idUser",
          "in": "path",
          "required": true,
          "schema": {
            "type": "integer",
            "format": "int32"
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            }
          }
        ],
        "responses": {
          "200": {
            "description": "Resource found",
            "content": {
              "application/json": {
                "schema": {
                  "$ref": "#/components/schemas/PatientsTable"
                }
              }
            }
          },
          "400": {
            "description": "Bad Request",
            "content": {
              "*/*": {
                "schema": {
                  "type": "string"
                }
              }
            }
          },
          "404": {
            "description": "Resource not found",
            "content": {
              "application/json": {
                "schema": {
                  "$ref": "#/components/schemas/NotFoundException"
                }
              }
            }
          },
          "406": {
            "description": "Not Acceptable",
            "content": {
              "*/*": {
                "schema": {
                  "type": "string"
                }
              }
            }
          },
          "409": {
            "description": "Conflict",
            "content": {
              "*/*": {
                "schema": {
                  "type": "string"
                }
              }
            }
          },
          "422": {
            "description": "Unprocessable Entity",
            "content": {
              "*/*": {
                "schema": {
                  "type": "string"
                }
              }
            }
          }
        }
      }
    },
    "/api/medical_office/doctors/user/{idUser}": {
      "get": {
        "tags": [
          "doctors-controller"
        ],
        "summary": "Get doctor resource by idUser field.",
        "operationId": "getDoctorByIdUser",
        "parameters": [
          {
            "name": "idUser",
            "in": "path",
            "required": true,
            "schema": {
              "type": "integer",
              "format": "int32"
            }
          }
        ],
        "responses": {
          "200": {
```

```
            "description": "Resource found",
            "content": {
              "application/json": {
                "schema": {
                  "$ref": "#/components/schemas/DoctorsTable"
                }
              }
            }
          },
          "400": {
            "description": "Bad Request",
            "content": {
              "*/*": {
                "schema": {
                  "type": "string"
                }
              }
            }
          },
          "404": {
            "description": "Resource not found",
            "content": {
              "application/json": {
                "schema": {
                  "$ref": "#/components/schemas/NotFoundException"
                }
              }
            }
          },
          "406": {
            "description": "Not Acceptable",
            "content": {
              "*/*": {
                "schema": {
                  "type": "string"
                }
              }
            }
          },
          "409": {
            "description": "Conflict",
            "content": {
              "*/*": {
                "schema": {
                  "type": "string"
                }
              }
            }
          },
          "422": {
            "description": "Unprocessable Entity",
            "content": {
              "*/*": {
                "schema": {
                  "type": "string"
                }
              }
            }
          }
        }
      }
    },
    "/api/medical_office/appointments": {
      "get": {
        "tags": [
          "appointments-controller"
        ],
        "summary": "Get all/searched appointments resources",
        "operationId": "getAllAppointments",
        "parameters": [
          {
            "name": "page",
            "in": "query",
            "required": false,
            "schema": {
              "minimum": 0,
              "type": "integer",
              "format": "int32"
            }
          },
          {
            "name": "itemsPerPage",
            "in": "query",
            "required": false,
            "schema": {
              "minimum": 1,
              "type": "integer",
```

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            "format": "int32"
          }
        },
        {
          "name": "status",
          "in": "query",
          "required": false,
          "schema": {
            "type": "string"
          }
        }
      ],
      "responses": {
        "200": {
          "description": "Successful operation - Found all/searched resources",
          "content": {
            "application/json": {
              "schema": {
                "type": "array",
                "items": {
                  "$ref": "#/components/schemas/AppointmentsTable"
                }
              }
            }
          }
        },
        "400": {
          "description": "Bad Request - Invalid syntax for query params",
          "content": {}
        },
        "404": {
          "description": "Not Found - Resource not found !",
          "content": {
            "application/json": {
              "schema": {
                "$ref": "#/components/schemas/NotFoundException"
              }
            }
          }
        },
        "406": {
          "description": "Not Acceptable - Requested representation not acceptable",
          "content": {
            "application/json": {
              "schema": {
                "$ref": "#/components/schemas/NotAcceptableException"
              }
            }
          }
        },
        "409": {
          "description": "Conflict",
          "content": {
            "*/*": {
              "schema": {
                "type": "string"
              }
            }
          }
        },
        "422": {
          "description": "Unprocessable Entity - Invalid values for query params",
          "content": {
            "application/json": {
              "schema": {
                "$ref": "#/components/schemas/UnprocessableContentException"
              }
            }
          }
        }
      }
    }
  },
  "/api/medical_office/appointments/{cnp}/{idDoctor}/{appointmentTime}": {
    "get": {
      "tags": [
        "appointments-controller"
      ],
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