

Pretty-print ☐

```
{
  "openapi": "3.0.1",
  "info": {
    "title": "Quiz API",
    "description": "Quiz Application APIs",
    "version": "1.0",
    "servers": [
      {
        "url": "http://localhost:8080",
        "description": "Generated server url"
      }
    ],
    "paths": {
      "/api/questions/{id}": {
        "get": {
          "tags": ["Questions"],
          "summary": "Get question by id",
          "operationId": "getQuestionById",
          "parameters": [
            {
              "name": "id",
              "in": "path",
              "required": true,
              "schema": {
                "type": "integer",
                "format": "int64"
              }
            }
          ],
          "responses": {
            "200": {
              "description": "OK",
              "content": {
                "*/*": {
                  "schema": {
                    "$ref": "#/components/schemas/Question"
                  }
                }
              }
            }
          },
          "put": {
            "tags": ["Questions"],
            "summary": "Update question",
            "operationId": "updateQuestion",
            "parameters": [
              {
                "name": "id",
                "in": "path",
                "required": true,
                "schema": {
                  "type": "integer",
                  "format": "int64"
                }
              }
            ],
            "requestBody": {
              "content": {
                "application/json": {
                  "schema": {
                    "$ref": "#/components/schemas/Question"
                  }
                }
              },
              "required": true
            },
            "responses": {
              "200": {
                "description": "OK",
                "content": {
                  "*/*": {
                    "schema": {
                      "$ref": "#/components/schemas/Question"
                    }
                  }
                }
              }
            },
            "delete": {
              "tags": ["Questions"],
              "summary": "Delete question",
              "operationId": "deleteQuestion",
              "parameters": [
                {
                  "name": "id",
                  "in": "path",
                  "required": true,
                  "schema": {
                    "type": "integer",
                    "format": "int64"
                  }
                }
              ],
              "responses": {
                "200": {
                  "description": "OK"
                }
              }
            },
            "/api/quizzes": {
              "post": {
                "tags": ["Quizzes"],
                "summary": "Create a quiz (provide title and questionIds)",
                "operationId": "createQuiz",
                "requestBody": {
                  "content": {
                    "application/json": {
                      "schema": {
                        "type": "object",
                        "additionalProperties": {
                          "type": "object"
                        }
                      }
                    }
                  },
                  "required": true
                },
                "responses": {
                  "200": {
                    "description": "OK",
                    "content": {
                      "*/*": {
                        "schema": {
                          "$ref": "#/components/schemas/Quiz"
                        }
                      }
                    }
                  }
                },
                "/api/quizzes/{id}/submit": {
                  "post": {
                    "tags": ["Quizzes"],
                    "summary": "Submit quiz answers (list of {questionId, response})",
                    "operationId": "submitQuiz",
                    "parameters": [
                      {
                        "name": "id",
                        "in": "path",
                        "required": true,
                        "schema": {
                          "type": "integer",
                          "format": "int64"
                        }
                      }
                    ],
                    "requestBody": {
                      "content": {
                        "application/json": {
                          "schema": {
                            "type": "array",
                            "items": {
                              "$ref": "#/components/schemas/Response"
                            }
                          }
                        }
                      },
                      "required": true
                    },
                    "responses": {
                      "200": {
                        "description": "OK",
                        "content": {
                          "*/*": {
                            "schema": {
                              "type": "object",
                              "additionalProperties": {
                                "type": "integer",
                                "format": "int32"
                              }
                            }
                          }
                        }
                      }
                    }
                  },
                  "/api/questions": {
                    "get": {
                      "tags": ["Questions"],
                      "summary": "Get paginated questions",
                      "operationId": "getAllQuestions",
                      "parameters": [
                        {
                          "name": "pageable",
                          "in": "query",
                          "required": true,
                          "schema": {
                            "$ref": "#/components/schemas/Pageable"
                          }
                        }
                      ],
                      "responses": {
                        "200": {
                          "description": "OK",
                          "content": {
                            "*/*": {
                              "schema": {
                                "$ref": "#/components/schemas/PageQuestion"
                              }
                            }
                          }
                        }
                      },
                      "post": {
                        "tags": ["Questions"],
                        "summary": "Create question",
                        "operationId": "createQuestion",
                        "requestBody": {
                          "content": {
                            "application/json": {
                              "schema": {
                                "$ref": "#/components/schemas/Question"
                              }
                            }
                          },
                          "required": true
                        },
                        "responses": {
                          "200": {
                            "description": "OK",
                            "content": {
                              "*/*": {
                                "schema": {
                                  "$ref": "#/components/schemas/Question"
                                }
                              }
                            }
                          }
                        },
                        "/api/quizzes/{id}": {
                          "get": {
                            "tags": ["Quizzes"],
                            "summary": "Get wrapped quiz questions (without answers)",
                            "operationId": "getQuizQuestions",
                            "parameters": [
                              {
                                "name": "id",
                                "in": "path",
                                "required": true,
                                "schema": {
                                  "type": "integer",
                                  "format": "int64"
                                }
                              }
                            ],
                            "responses": {
                              "200": {
                                "description": "OK",
                                "content": {
                                  "*/*": {
                                    "schema": {
                                      "type": "array",
                                      "items": {
                                        "$ref": "#/components/schemas/QuestionWrapper"
                                      }
                                    }
                                  }
                                }
                              }
                            },
                            "/api/questions/questions/difficulty/{difficultyLevel}": {
                              "get": {
                                "tags": ["Questions"],
                                "summary": "Get questions by difficulty level",
                                "operationId": "getQuestionsByDifficulty",
                                "parameters": [
                                  {
                                    "name": "difficultyLevel",
                                    "in": "path",
                                    "required": true,
                                    "schema": {
                                      "type": "string"
                                    }
                                  }
                                ],
                                "responses": {
                                  "200": {
                                    "description": "OK",
                                    "content": {
                                      "*/*": {
                                        "schema": {
                                          "type": "array",
                                          "items": {
                                            "$ref": "#/components/schemas/Question"
                                          }
                                        }
                                      }
                                    }
                                  }
                                },
                                "/api/questions/questions/category/{category}": {
                                  "get": {
                                    "tags": ["Questions"],
                                    "summary": "Get questions by category",
                                    "operationId": "getQuestionsByCategory",
                                    "parameters": [
                                      {
                                        "name": "category",
                                        "in": "path",
                                        "required": true,
                                        "schema": {
                                          "type": "string"
                                        }
                                      }
                                    ],
                                    "responses": {
                                      "200": {
                                        "description": "OK",
                                        "content": {
                                          "*/*": {
                                            "schema": {
                                              "type": "array",
                                              "items": {
                                                "$ref": "#/components/schemas/Question"
                                              }
                                            }
                                          }
                                        },
                                        "components": {
                                          "schemas": {
                                            "Question": {
                                              "type": "object",
                                              "properties": {
                                                "id": {
                                                  "type": "integer",
                                                  "format": "int64"
                                                },
                                                "questionTitle": {
                                                  "type": "string"
                                                },
                                                "option1": {
                                                  "type": "string"
                                                },
                                                "option2": {
                                                  "type": "string"
                                                },
                                                "option3": {
                                                  "type": "string"
                                                },
                                                "option4": {
                                                  "type": "string"
                                                },
                                                "correctAnswer": {
                                                  "type": "string"
                                                },
                                                "difficultyLevel": {
                                                  "type": "string",
                                                  "enum": ["EASY", "MEDIUM", "HARD"]
                                                },
                                                "category": {
                                                  "type": "string",
                                                  "enum": ["GITHUB", "JAVA", "SPRING"]
                                                }
                                              }
                                            },
                                            "Quiz": {
                                              "type": "object",
                                              "properties": {
                                                "quizId": {
                                                  "type": "integer",
                                                  "format": "int64"
                                                },
                                                "title": {
                                                  "type": "string"
                                                },
                                                "questions": {
                                                  "type": "array",
                                                  "items": {
                                                    "$ref": "#/components/schemas/Question"
                                                  }
                                                },
                                                "Response": {
                                                  "type": "object",
                                                  "properties": {
                                                    "questionId": {
                                                  "type": "integer",
                                                  "format": "int64"
                                                },
                                                  "response": {
                                                    "type": "string"
                                                  }
                                                }
                                              }
                                            },
                                            "QuestionWrapper": {
                                              "type": "object",
                                              "properties": {
                                                "id": {
                                                  "type": "integer",
                                                  "format": "int64"
                                                },
                                                "questionTitle": {
                                                  "type": "string"
                                                },
                                                "option1": {
                                                  "type": "string"
                                                },
                                                "option2": {
                                                  "type": "string"
                                                },
                                                "option3": {
                                                  "type": "string"
                                                },
                                                "option4": {
                                                  "type": "string"
                                                }
                                              }
                                            },
                                            "Pageable": {
                                              "type": "object",
                                              "properties": {
                                                "page": {
                                                  "minimum": 0,
                                                  "type": "integer",
                                                  "format": "int32"
                                                },
                                                "size": {
                                                  "minimum": 1,
                                                  "type": "integer",
                                                  "format": "int32"
                                                },
                                                "sort": {
                                                  "type": "array",
                                                  "items": {
                                                    "type": "string"
                                                  }
                                                }
                                              }
                                            },
                                            "PageQuestion": {
                                              "type": "object",
                                              "properties": {
                                                "totalElements": {
                                                  "type": "integer",
                                                  "format": "int64"
                                                },
                                                "totalPages": {
                                                  "type": "integer",
                                                  "format": "int32"
                                                },
                                                "size": {
                                                  "type": "integer",
                                                  "format": "int32"
                                                },
                                                "content": {
                                                  "type": "array",
                                                  "items": {
                                                    "$ref": "#/components/schemas/Question"
                                                  }
                                                },
                                                "number": {
                                                  "type": "integer",
                                                  "format": "int32"
                                                },
                                                "sort": {
                                                  "type": "array",
                                                  "items": {
                                                    "$ref": "#/components/schemas/SortObject"
                                                  }
                                                },
                                                "first": {
                                                  "type": "boolean"
                                                },
                                                "last": {
                                                  "type": "boolean"
                                                },
                                                "numberOfElements": {
                                                  "type": "integer",
                                                  "format": "int32"
                                                },
                                                "pageable": {

```

Pretty-print

```
{ "type": "object", "properties": { "offset": { "type": "integer", "format": "int64" }, "sort": { "type": "array", "items": { "$ref": "#/components/schemas/SortObject" } }, "paged": { "type": "boolean" }, "pageNumber": { "type": "integer", "format": "int32" }, "pageSize": { "type": "integer", "format": "int32" }, "unpaged": { "type": "boolean" } }, "SortObject": { "type": "object", "properties": { "direction": { "type": "string" }, "nullHandling": { "type": "string" }, "ascending": { "type": "boolean" }, "property": { "type": "string" }, "ignoreCase": { "type": "boolean" } } } }
```