Pretty-print ✅

```json
{
  "openapi": "3.1.0",
  "info": {
    "title": "OpenAPI definition",
    "version": "v0"
  },
  "servers": [
    {
      "url": "http://localhost:8080",
      "description": "Generated server url"
    }
  ],
  "paths": {
    "/api/users/{id}": {
      "get": {
        "tags": [
          "user-controller"
        ],
        "operationId": "getUserById",
        "parameters": [
          {
            "name": "id",
            "in": "path",
            "required": true,
            "schema": {
              "type": "integer",
              "format": "int64"
            }
          }
        ],
        "responses": {
          "200": {
            "description": "OK",
            "content": {
              "*/*": {
                "schema": {
                  "$ref":
```

```json
                }
              }
            }
          }
        }
      },
      "put": {
        "tags": [
          "user-controller"
        ],
        "operationId": "adminUpdateUser",
        "parameters": [
          {
            "name": "id",
            "in": "path",
            "required": true,
            "schema": {
              "type": "integer",
              "format": "int64"
            }
          }
        ],
        "requestBody": {
          "content": {
            "application/json": {
              "schema": {
                "$ref":
"#/components/schemas/AdminUpdateUserRequest"
              }
            }
          },
          "required": true
        },
        "responses": {
          "200": {
            "description": "OK",
            "content": {
              "*/*": {
```

```json
                          "$ref":
"#/components/schemas/UserResponse"
                }
              }
            }
          }
        }
      },
      "delete": {
        "tags": [
          "user-controller"
        ],
        "operationId": "deleteUser",
        "parameters": [
          {
            "name": "id",
            "in": "path",
            "required": true,
            "schema": {
              "type": "integer",
              "format": "int64"
            }
          }
        ],
        "responses": {
          "200": {
            "description": "OK"
          }
        }
      }
    },
    "/api/users/{id}/status": {
      "put": {
        "tags": [
          "user-controller"
        ],
        "operationId": "updateUserStatus",
        "parameters": [
```

```json
            "name": "id",
            "in": "path",
            "required": true,
            "schema": {
              "type": "integer",
              "format": "int64"
            }
          }
        ],
        "requestBody": {
          "content": {
            "application/json": {
              "schema": {
                "$ref":
"#/components/schemas/UpdateStatusRequest"
              }
            }
          },
          "required": true
        },
        "responses": {
          "200": {
            "description": "OK",
            "content": {
              "*/*": {
                "schema": {
                  "$ref":
"#/components/schemas/UserResponse"
                }
              }
            }
          }
        }
      }
    },
    "/api/users/{id}/role": {
      "put": {
        "tags": [
```

```
        ],
        "operationId": "updateUserRole",
        "parameters": [
          {
            "name": "id",
            "in": "path",
            "required": true,
            "schema": {
              "type": "integer",
              "format": "int64"
            }
          }
        ],
        "requestBody": {
          "content": {
            "application/json": {
              "schema": {
                "$ref":
"#/components/schemas/UpdateRoleRequest"
              }
            }
          },
          "required": true
        },
        "responses": {
          "200": {
            "description": "OK",
            "content": {
              "*/*": {
                "schema": {
                  "$ref":
"#/components/schemas/UserResponse"
                }
              }
            }
          }
        }
      }
    }
```

Pretty-print

```json
    "/api/users/profile": {
      "get": {
        "tags": [
          "user-controller"
        ],
        "operationId": "getUserProfile",
        "responses": {
          "200": {
            "description": "OK",
            "content": {
              "*/*": {
                "schema": {
                  "$ref":
"#/components/schemas/UserResponse"
                }
              }
            }
          }
        }
      },
      "put": {
        "tags": [
          "user-controller"
        ],
        "operationId": "updateProfile",
        "requestBody": {
          "content": {
            "application/json": {
              "schema": {
                "$ref":
"#/components/schemas/UpdateUserProfileRequest"
              }
            }
          },
          "required": true
        },
        "responses": {
          "200": {
```

```
                "content": {
                  "*/*": {
                    "schema": {
                      "$ref":
"#/components/schemas/UserResponse"
                    }
                  }
                }
              }
            }
          }
        }
      },
      "/api/reports/{id}": {
        "get": {
          "tags": [
            "report-controller"
          ],
          "operationId": "getReportById",
          "parameters": [
            {
              "name": "id",
              "in": "path",
              "required": true,
              "schema": {
                "type": "integer",
                "format": "int64"
              }
            }
          ],
          "responses": {
            "200": {
              "description": "OK",
              "content": {
                "*/*": {
                  "schema": {
                    "$ref":
"#/components/schemas/ReportResponse"
                  }
```

```
              }
            }
          }
        },
        "put": {
          "tags": [
            "report-controller"
          ],
          "operationId": "updateReport",
          "parameters": [
            {
              "name": "id",
              "in": "path",
              "required": true,
              "schema": {
                "type": "integer",
                "format": "int64"
              }
            }
          ],
          "requestBody": {
            "content": {
              "multipart/form-data": {
                "schema": {
                  "type": "object",
                  "properties": {
                    "report": {
                      "$ref":
"#/components/schemas/UpdateReportRequest"
                    },
                    "images": {
                      "type": "array",
                      "items": {
                        "type": "string",
                        "format": "binary"
                      }
                    }
                  }
                },
```

```json
                      "report"
                    ]
                  }
                }
              }
            },
            "responses": {
              "200": {
                "description": "OK",
                "content": {
                  "*/*": {
                    "schema": {
                      "$ref":
"#/components/schemas/ReportResponse"
                    }
                  }
                }
              }
            }
          }
        },
        "delete": {
          "tags": [
            "report-controller"
          ],
          "operationId": "deleteReport",
          "parameters": [
            {
              "name": "id",
              "in": "path",
              "required": true,
              "schema": {
                "type": "integer",
                "format": "int64"
              }
            }
          ],
          "responses": {
            "200": {
```

```
          }
        }
      }
    },
    "/api/reports/{id}/status": {
      "put": {
        "tags": [
          "report-controller"
        ],
        "operationId": "updateReportStatusGeneric",
        "parameters": [
          {
            "name": "id",
            "in": "path",
            "required": true,
            "schema": {
              "type": "integer",
              "format": "int64"
            }
          },
          {
            "name": "status",
            "in": "query",
            "required": true,
            "schema": {
              "type": "string",
              "enum": [
                "SUBMITTED",
                "IN_REVIEW",
                "IN_PROGRESS",
                "RESOLVED",
                "REJECTED",
                "CANCELLED"
              ]
            }
          },
          {
            "name": "note",
```

```json
          "required": false,
          "schema": {
            "type": "string"
          }
        }
      ],
      "responses": {
        "200": {
          "description": "OK",
          "content": {
            "*/*": {
              "schema": {
                "type": "object",
                "additionalProperties": {

                }
              }
            }
          }
        }
      }
    }
  },
  "post": {
    "tags": [
      "report-controller"
    ],
    "operationId": "updateStatus",
    "parameters": [
      {
        "name": "id",
        "in": "path",
        "required": true,
        "schema": {
          "type": "integer",
          "format": "int64"
        }
      }
    ],
```

```
            "content": {
              "application/json": {
                "schema": {
                  "$ref":
"#/components/schemas/StatusUpdateDTO"
                }
              }
            },
            "required": true
          },
          "responses": {
            "200": {
              "description": "OK",
              "content": {
                "*/*": {
                  "schema": {
                    "type": "object",
                    "additionalProperties": {

                    }
                  }
                }
              }
            }
          }
        }
      }
    },
    "/api/reports/officer/reports/{id}/status": {
      "put": {
        "tags": [
          "report-controller"
        ],
        "operationId": "updateReportStatusByOfficer",
        "parameters": [
          {
            "name": "id",
            "in": "path",
            "required": true,
```

```
              "type": "integer",
              "format": "int64"
            }
          }
        ],
        "requestBody": {
          "content": {
            "application/json": {
              "schema": {
                "$ref":
"#/components/schemas/StatusUpdateDTO"
              }
            }
          },
          "required": true
        },
        "responses": {
          "200": {
          "description": "OK",
          "content": {
            "*/*": {
              "schema": {
                "type": "object",
                "additionalProperties": {

                }
              }
            }
          }
        }
      }
    }
  },
  "/api/reports/officer/reports/{id}/status-with-
photo": {
      "put": {
        "tags": [
          "report-controller"
```

```
      "operationId": "updateReportStatusWithPhoto",
      "parameters": [
        {
          "name": "id",
          "in": "path",
          "required": true,
          "schema": {
            "type": "integer",
            "format": "int64"
          }
        },
        {
          "name": "status",
          "in": "query",
          "required": true,
          "schema": {
            "type": "string"
          }
        },
        {
          "name": "notes",
          "in": "query",
          "required": false,
          "schema": {
            "type": "string"
          }
        }
      ],
      "requestBody": {
        "content": {
          "multipart/form-data": {
            "schema": {
              "type": "object",
              "properties": {
                "resolvedPhoto": {
                  "type": "string",
                  "format": "binary"
                }
```

```
              }
            }
          }
        },
        "responses": {
          "200": {
            "description": "OK",
            "content": {
              "*/*": {
                "schema": {
                  "type": "object",
                  "additionalProperties": {

                  }
                }
              }
            }
          }
        }
      }
    },
    "/api/notifications/{id}/read": {
      "put": {
        "tags": [
          "notification-controller"
        ],
        "operationId": "markAsRead",
        "parameters": [
          {
            "name": "id",
            "in": "path",
            "required": true,
            "schema": {
              "type": "integer",
              "format": "int64"
            }
          }
        ],
```

```
          "200": {
            "description": "OK"
          }
        }
      }
    },
    "/api/notifications/read-all": {
      "put": {
        "tags": [
          "notification-controller"
        ],
        "operationId": "markAllAsRead",
        "responses": {
          "200": {
            "description": "OK"
          }
        }
      }
    },
    "/api/messages/{messageId}/read": {
      "put": {
        "tags": [
          "message-controller"
        ],
        "operationId": "markAsRead_1",
        "parameters": [
          {
            "name": "messageId",
            "in": "path",
            "required": true,
            "schema": {
              "type": "integer",
              "format": "int64"
            }
          }
        ],
        "responses": {
          "200": {
```

```
            }
          }
        }
      },
      "/api/admin/announcements/{id}": {
        "put": {
          "tags": [
            "admin-announcement-controller"
          ],
          "operationId": "update",
          "parameters": [
            {
              "name": "id",
              "in": "path",
              "required": true,
              "schema": {
                "type": "integer",
                "format": "int64"
              }
            }
          ],
          "requestBody": {
            "content": {
              "application/json": {
                "schema": {
                  "$ref":
"#/components/schemas/AnnouncementCreateUpdateDTO"
                }
              }
            },
            "required": true
          },
          "responses": {
            "200": {
              "description": "OK",
              "content": {
                "*/*": {
                  "schema": {
```

```
                  "#/components/schemas/AnnouncementAdminDTO"
                }
              }
            }
          }
        }
      },
      "delete": {
        "tags": [
          "admin-announcement-controller"
        ],
        "operationId": "delete",
        "parameters": [
          {
            "name": "id",
            "in": "path",
            "required": true,
            "schema": {
              "type": "integer",
              "format": "int64"
            }
          }
        ],
        "responses": {
          "200": {
            "description": "OK"
          }
        }
      }
    },
    "/test/send-message": {
      "post": {
        "tags": [
          "test-message-controller"
        ],
        "operationId": "testSendMessage",
        "requestBody": {
          "content": {
```

```json
              "schema": {
                "$ref":
"#/components/schemas/MessageRequest"
                }
              }
            },
            "required": true
          },
          "responses": {
            "200": {
              "description": "OK",
              "content": {
                "*/*": {
                  "schema": {
                    "type": "string"
                  }
                }
              }
            }
          }
        }
      }
    },
    "/dev/simulate-push": {
      "post": {
        "tags": [
          "dev-notif-controller"
        ],
        "operationId": "simulatePush",
        "parameters": [
          {
            "name": "notificationId",
            "in": "query",
            "required": true,
            "schema": {
              "type": "integer",
              "format": "int64"
            }
          },
```

```
              "name": "recipient",
              "in": "query",
              "required": true,
              "schema": {
                "type": "string"
              }
            }
          ],
          "responses": {
            "200": {
              "description": "OK",
              "content": {
                "*/*": {
                  "schema": {
                    "type": "string"
                  }
                }
              }
            }
          }
        }
      },
      "/dev/create-notif": {
        "post": {
          "tags": [
            "dev-notif-controller"
          ],
          "operationId": "createNotif",
          "parameters": [
            {
              "name": "recipientEmail",
              "in": "query",
              "required": true,
              "schema": {
                "type": "string"
              }
            },
            {
```

```
          "in": "query",
          "required": true,
          "schema": {
            "type": "string"
          }
        },
        {
          "name": "title",
          "in": "query",
          "required": true,
          "schema": {
            "type": "string"
          }
        },
        {
          "name": "relatedId",
          "in": "query",
          "required": true,
          "schema": {
            "type": "integer",
            "format": "int64"
          }
        }
      ],
      "responses": {
        "200": {
          "description": "OK",
          "content": {
            "*/*": {
              "schema": {
                "type": "string"
              }
            }
          }
        }
      }
    }
  }
},
```

```
Pretty-print
        "get": {
          "tags": [
            "report-controller"
          ],
          "operationId": "getAllReports",
          "parameters": [
            {
              "name": "status",
              "in": "query",
              "required": false,
              "schema": {
                "type": "string"
              }
            },
            {
              "name": "category",
              "in": "query",
              "required": false,
              "schema": {
                "type": "string"
              }
            },
            {
              "name": "location",
              "in": "query",
              "required": false,
              "schema": {
                "type": "string"
              }
            },
            {
              "name": "pageable",
              "in": "query",
              "required": true,
              "schema": {
                "$ref": "#/components/schemas/Pageable"
              }
            }
```

```
      "responses": {
        "200": {
          "description": "OK",
          "content": {
            "*/*": {
              "schema": {
                "$ref":
"#/components/schemas/PageReportResponse"
              }
            }
          }
        }
      }
    },
    "post": {
      "tags": [
        "report-controller"
      ],
      "operationId": "createReport",
      "requestBody": {
        "content": {
          "multipart/form-data": {
            "schema": {
              "type": "object",
              "properties": {
                "report": {
                  "$ref":
"#/components/schemas/CreateReportRequest"
                },
                "images": {
                  "type": "array",
                  "items": {
                    "type": "string",
                    "format": "binary"
                  }
                },
                "video": {
                  "type": "string",
```

```json
                }
              },
              "required": [
                "report"
              ]
            }
          }
        }
      },
      "responses": {
        "200": {
          "description": "OK",
          "content": {
            "*/*": {
              "schema": {
                "$ref":
"#/components/schemas/ReportResponse"
              }
            }
          }
        }
      }
    }
  },
  "/api/officer/inbox/{id}/read": {
    "post": {
      "tags": [
        "officer-inbox-controller"
      ],
      "operationId": "markRead",
      "parameters": [
        {
          "name": "id",
          "in": "path",
          "required": true,
          "schema": {
            "type": "integer",
            "format": "int64"
```

```json
            }
          ],
          "responses": {
            "200": {
              "description": "OK",
              "content": {
                "*/*": {
                  "schema": {
                    "type": "object"
                  }
                }
              }
            }
          }
        }
      },
      "/api/messages": {
        "post": {
          "tags": [
            "message-controller"
          ],
          "operationId": "sendMessage",
          "requestBody": {
            "content": {
              "application/json": {
                "schema": {
                  "$ref":
"#/components/schemas/MessageRequest"
                }
              }
            },
            "required": true
          },
          "responses": {
            "200": {
              "description": "OK",
              "content": {
                "*/*": {
```

```
                  "$ref": "#/components/schemas/Message"
                }
              }
            }
          }
        }
      }
    },
    "/api/media/report": {
      "post": {
        "tags": [
          "media-controller"
        ],
        "operationId": "uploadReportMedia",
        "requestBody": {
          "content": {
            "application/json": {
              "schema": {
                "type": "object",
                "properties": {
                  "file": {
                    "type": "string",
                    "format": "binary"
                  }
                },
                "required": [
                  "file"
                ]
              }
            }
          }
        },
        "responses": {
          "200": {
            "description": "OK",
            "content": {
              "*/*": {
                "schema": {
```

```
                    }
                  }
                }
              }
            }
          }
        },
        "/api/media/avatar": {
          "post": {
            "tags": [
              "media-controller"
            ],
            "operationId": "uploadAvatar",
            "requestBody": {
              "content": {
                "application/json": {
                  "schema": {
                    "type": "object",
                    "properties": {
                      "file": {
                        "type": "string",
                        "format": "binary"
                      }
                    },
                    "required": [
                      "file"
                    ]
                  }
                }
              }
            },
            "responses": {
              "200": {
                "description": "OK",
                "content": {
                  "*/*": {
                    "schema": {
                      "type": "object"
```

```
                }
              }
            }
          }
        }
    },
    "/api/files/upload": {
      "post": {
        "tags": [
          "file-controller"
        ],
        "operationId": "uploadFile",
        "requestBody": {
          "content": {
            "application/json": {
              "schema": {
                "type": "object",
                "properties": {
                  "file": {
                    "type": "string",
                    "format": "binary"
                  }
                },
                "required": [
                  "file"
                ]
              }
            }
          }
        },
        "responses": {
          "200": {
            "description": "OK",
            "content": {
              "*/*": {
                "schema": {
                  "type": "object",
                  "additionalProperties": {
```

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                  }
                }
              }
            }
          }
        }
      }
    },
    "/api/conversations": {
      "post": {
        "tags": [
          "conversation-controller"
        ],
        "operationId": "sendMessage_1",
        "requestBody": {
          "content": {
            "application/json": {
              "schema": {
                "$ref":
"#/components/schemas/ConversationRequest"
              }
            }
          },
          "required": true
        },
        "responses": {
          "200": {
            "description": "OK",
            "content": {
              "*/*": {
                "schema": {
                  "$ref":
"#/components/schemas/ConversationMessageResponse"
                }
              }
            }
          }
        }
      }
```

```
    },
    "/api/auth/reset-password": {
      "post": {
        "tags": [
          "auth-controller"
        ],
        "operationId": "resetPassword",
        "requestBody": {
          "content": {
            "application/json": {
              "schema": {
                "$ref":
"#/components/schemas/ResetPasswordRequest"
              }
            }
          },
          "required": true
        },
        "responses": {
          "200": {
            "description": "OK",
            "content": {
              "*/*": {
                "schema": {
                  "$ref":
"#/components/schemas/ApiResponse"
                }
              }
            }
          }
        }
      }
    },
    "/api/auth/resend-verification": {
      "post": {
        "tags": [
          "auth-controller"
        ],
```

```
          "requestBody": {
            "content": {
              "application/json": {
                "schema": {
                  "type": "object",
                  "additionalProperties": {
                    "type": "string"
                  }
                }
              }
            },
            "required": true
          },
          "responses": {
            "200": {
              "description": "OK",
              "content": {
                "*/*": {
                  "schema": {
                    "$ref":
"#/components/schemas/ApiResponse"
                  }
                }
              }
            }
          }
        }
      }
    },
    "/api/auth/register": {
      "post": {
        "tags": [
          "auth-controller"
        ],
        "operationId": "register",
        "requestBody": {
          "content": {
            "application/json": {
              "schema": {
```

```
"#/components/schemas/RegisterRequest"
                }
              }
            },
            "required": true
          },
          "responses": {
            "200": {
              "description": "OK",
              "content": {
                "*/*": {
                  "schema": {
                    "$ref":
"#/components/schemas/ApiResponse"
                  }
                }
              }
            }
          }
        }
      }
    },
    "/api/auth/login": {
      "post": {
        "tags": [
          "auth-controller"
        ],
        "operationId": "login",
        "requestBody": {
          "content": {
            "application/json": {
              "schema": {
                "$ref":
"#/components/schemas/LoginRequest"
              }
            }
          },
          "required": true
        },
```

```json
          "200": {
            "description": "OK",
            "content": {
              "*/*": {
                "schema": {
                  "$ref":
"#/components/schemas/ApiResponse"
                }
              }
            }
          }
        }
      }
    },
    "/api/auth/forgot-password": {
      "post": {
        "tags": [
          "auth-controller"
        ],
        "operationId": "forgotPassword",
        "requestBody": {
          "content": {
            "application/json": {
              "schema": {
                "type": "object",
                "additionalProperties": {
                  "type": "string"
                }
              }
            }
          },
          "required": true
        },
        "responses": {
          "200": {
            "description": "OK",
            "content": {
              "*/*": {
```

```
                    "$ref":
"#/components/schemas/ApiResponse"
                }
              }
            }
          }
        }
      }
    },
    "/api/announcements/{id}/read": {
      "post": {
        "tags": [
          "announcement-controller"
        ],
        "operationId": "markAsRead_2",
        "parameters": [
          {
            "name": "id",
            "in": "path",
            "required": true,
            "schema": {
              "type": "integer",
              "format": "int64"
            }
          }
        ],
        "responses": {
          "200": {
            "description": "OK"
          }
        }
      }
    },
    "/api/admin/conversations": {
      "post": {
        "tags": [
          "admin-conversation-controller"
        ],
```

```json
        "requestBody": {
          "content": {
            "application/json": {
              "schema": {
                "$ref":
"#/components/schemas/ConversationRequest"
              }
            }
          },
          "required": true
        },
        "responses": {
          "200": {
            "description": "OK",
            "content": {
              "*/*": {
                "schema": {
                  "$ref":
"#/components/schemas/ConversationMessageResponse"
                }
              }
            }
          }
        }
      }
    },
    "/api/admin/announcements": {
      "get": {
        "tags": [
          "admin-announcement-controller"
        ],
        "operationId": "list",
        "parameters": [
          {
            "name": "page",
            "in": "query",
            "required": false,
            "schema": {
```

```json
          "format": "int32",
          "default": 0
        }
      },
      {
        "name": "size",
        "in": "query",
        "required": false,
        "schema": {
          "type": "integer",
          "format": "int32",
          "default": 10
        }
      },
      {
        "name": "search",
        "in": "query",
        "required": false,
        "schema": {
          "type": "string"
        }
      },
      {
        "name": "visibility",
        "in": "query",
        "required": false,
        "schema": {
          "type": "string",
          "enum": [
            "OFFICERS",
            "ALL"
          ]
        }
      },
      {
        "name": "active",
        "in": "query",
        "required": false,
```

```json
                "type": "boolean"
              }
            },
            {
              "name": "from",
              "in": "query",
              "required": false,
              "schema": {
                "type": "string",
                "format": "date-time"
              }
            },
            {
              "name": "to",
              "in": "query",
              "required": false,
              "schema": {
                "type": "string",
                "format": "date-time"
              }
            }
          ],
          "responses": {
            "200": {
              "description": "OK",
              "content": {
                "*/*": {
                  "schema": {
                    "$ref":
"#/components/schemas/PageAnnouncementAdminDTO"
                  }
                }
              }
            }
          }
        }
      },
      "post": {
        "tags": [
```

```json
        ],
        "operationId": "create",
        "requestBody": {
          "content": {
            "application/json": {
              "schema": {
                "$ref":
"#/components/schemas/AnnouncementCreateUpdateDTO"
              }
            }
          },
          "required": true
        },
        "responses": {
          "200": {
            "description": "OK",
            "content": {
              "*/*": {
                "schema": {
                  "$ref":
"#/components/schemas/AnnouncementAdminDTO"
                }
              }
            }
          }
        }
      }
    },
    "/api/admin/announcements/{id}/activate": {
      "patch": {
        "tags": [
          "admin-announcement-controller"
        ],
        "operationId": "setActive",
        "parameters": [
          {
            "name": "id",
            "in": "path",
```

```json
          "schema": {
            "type": "integer",
            "format": "int64"
          }
        },
        {
          "name": "active",
          "in": "query",
          "required": true,
          "schema": {
            "type": "boolean"
          }
        }
      ],
      "responses": {
        "200": {
          "description": "OK"
        }
      }
    }
  },
  "/media/{id}": {
    "get": {
      "tags": [
        "public-media-controller"
      ],
      "operationId": "getMedia",
      "parameters": [
        {
          "name": "id",
          "in": "path",
          "required": true,
          "schema": {
            "type": "string"
          }
        }
      ],
      "responses": {
```

```
            "description": "OK",
            "content": {
             "*/*": {
               "schema": {
                 "type": "string",
                 "format": "binary"
               }
             }
            }
          }
        }
      }
    },
    "/api/users": {
      "get": {
        "tags": [
          "user-controller"
        ],
        "operationId": "getAllUsers",
        "parameters": [
          {
            "name": "pageable",
            "in": "query",
            "required": true,
            "schema": {
              "$ref": "#/components/schemas/Pageable"
            }
          }
        ],
        "responses": {
          "200": {
            "description": "OK",
            "content": {
             "*/*": {
               "schema": {
                 "$ref":
"#/components/schemas/PageUserDTO"
               }
```

```
            }
          }
        }
      }
    },
    "/api/users/search": {
      "get": {
        "tags": [
          "user-controller"
        ],
        "operationId": "searchUsers",
        "parameters": [
          {
            "name": "query",
            "in": "query",
            "required": true,
            "schema": {
              "type": "string"
            }
          },
          {
            "name": "pageable",
            "in": "query",
            "required": true,
            "schema": {
              "$ref": "#/components/schemas/Pageable"
            }
          }
        ],
        "responses": {
          "200": {
            "description": "OK",
            "content": {
              "*/*": {
                "schema": {
                  "$ref":
"#/components/schemas/PageUserDTO"
                }
```

```
              }
            }
          }
        }
    },
    "/api/users/role/{role}": {
      "get": {
        "tags": [
          "user-controller"
        ],
        "operationId": "getUsersByRole",
        "parameters": [
          {
            "name": "role",
            "in": "path",
            "required": true,
            "schema": {
              "type": "string"
            }
          },
          {
            "name": "pageable",
            "in": "query",
            "required": true,
            "schema": {
              "$ref": "#/components/schemas/Pageable"
            }
          }
        ],
        "responses": {
          "200": {
            "description": "OK",
            "content": {
              "*/*": {
                "schema": {
                  "$ref":
"#/components/schemas/PageUserDTO"
                }
```

```
          }
        }
      }
    }
  },
  "/api/users/national-id/{nationalId}": {
    "get": {
      "tags": [
        "user-controller"
      ],
      "operationId": "getUserByNationalId",
      "parameters": [
        {
          "name": "nationalId",
          "in": "path",
          "required": true,
          "schema": {
            "type": "string"
          }
        }
      ],
      "responses": {
        "200": {
          "description": "OK",
          "content": {
            "*/*": {
              "schema": {
                "$ref":
"#/components/schemas/UserResponse"
              }
            }
          }
        }
      }
    }
  },
  "/api/users/me": {
    "get": {
```

```
            "user-controller"
          ],
          "operationId": "getMe",
          "responses": {
            "200": {
              "description": "OK",
              "content": {
                "*/*": {
                  "schema": {
                    "$ref":
"#/components/schemas/UserResponse"
                  }
                }
              }
            }
          }
        }
      }
    },
    "/api/reports/{id}/status-history": {
      "get": {
        "tags": [
          "report-controller"
        ],
        "operationId": "getStatusHistory",
        "parameters": [
          {
            "name": "id",
            "in": "path",
            "required": true,
            "schema": {
              "type": "integer",
              "format": "int64"
            }
          }
        ],
        "responses": {
          "200": {
            "description": "OK",
```

```
              "*/*": {
                "schema": {
                  "type": "array",
                  "items": {
                    "$ref":
"#/components/schemas/StatusHistoryDTO"
                  }
                }
              }
            }
          }
        }
      }
    },
    "/api/reports/user": {
      "get": {
        "tags": [
          "report-controller"
        ],
        "operationId": "getUserReports",
        "parameters": [
          {
            "name": "pageable",
            "in": "query",
            "required": true,
            "schema": {
              "$ref": "#/components/schemas/Pageable"
            }
          }
        ],
        "responses": {
          "200": {
            "description": "OK",
            "content": {
              "*/*": {
                "schema": {
                  "$ref":
"#/components/schemas/PageReportResponse"
```

```
                }
              }
            }
          }
        }
    },
    "/api/reports/statistics": {
      "get": {
        "tags": [
          "report-controller"
        ],
        "operationId": "getReportStatistics",
        "responses": {
          "200": {
            "description": "OK",
            "content": {
              "*/*": {
                "schema": {
                  "type": "object"
                }
              }
            }
          }
        }
      }
    },
    "/api/reports/public": {
      "get": {
        "tags": [
          "report-controller"
        ],
        "operationId": "getPublicReports",
        "parameters": [
          {
            "name": "status",
            "in": "query",
            "required": false,
            "schema": {
```

```
          }
        },
        {
          "name": "category",
          "in": "query",
          "required": false,
          "schema": {
            "type": "string"
          }
        },
        {
          "name": "page",
          "in": "query",
          "required": false,
          "schema": {
            "type": "integer",
            "format": "int32",
            "default": 0
          }
        },
        {
          "name": "size",
          "in": "query",
          "required": false,
          "schema": {
            "type": "integer",
            "format": "int32",
            "default": 10
          }
        }
      ],
      "responses": {
        "200": {
          "description": "OK",
          "content": {
            "*/*": {
              "schema": {
                "$ref":
```

```json
                }
              }
            }
          }
        }
      }
    },
    "/api/reports/officer/reports": {
      "get": {
        "tags": [
          "report-controller"
        ],
        "operationId": "getOfficerReports",
        "responses": {
          "200": {
            "description": "OK",
            "content": {
              "*/*": {
                "schema": {
                  "type": "array",
                  "items": {
                    "$ref":
"#/components/schemas/ReportResponse"
                  }
                }
              }
            }
          }
        }
      }
    },
    "/api/reports/officer/reports/{id}": {
      "get": {
        "tags": [
          "report-controller"
        ],
        "operationId": "getOfficerReportById",
        "parameters": [
```

```
          "name": "id",
          "in": "path",
          "required": true,
          "schema": {
            "type": "integer",
            "format": "int64"
          }
        }
      ],
      "responses": {
        "200": {
          "description": "OK",
          "content": {
            "*/*": {
              "schema": {
                "$ref":
"#/components/schemas/ReportResponse"
              }
            }
          }
        }
      }
    }
  }
},
"/api/reports/officer/inbox": {
  "get": {
    "tags": [
      "report-controller"
    ],
    "operationId": "getOfficerInbox",
    "responses": {
      "200": {
        "description": "OK",
        "content": {
          "*/*": {
            "schema": {
              "type": "array",
              "items": {
```

```
                "#/components/schemas/InboxItemDTO"
                  }
                }
              }
            }
          }
        }
      }
    },
    "/api/reports/officer/dashboard": {
      "get": {
        "tags": [
          "report-controller"
        ],
        "operationId": "getOfficerDashboard",
        "responses": {
          "200": {
            "description": "OK",
            "content": {
              "*/*": {
                "schema": {
                  "$ref":
"#/components/schemas/OfficerDashboardResponse"
                }
              }
            }
          }
        }
      }
    },
    "/api/reports/officer/assigned-reports": {
      "get": {
        "tags": [
          "report-controller"
        ],
        "operationId": "getAssignedReports",
        "parameters": [
          {
```

```
          "in": "query",
          "required": false,
          "schema": {
            "type": "string"
          }
        }
      ],
      "responses": {
        "200": {
          "description": "OK",
          "content": {
            "*/*": {
              "schema": {
                "type": "array",
                "items": {
                  "$ref":
"#/components/schemas/ReportResponse"
                }
              }
            }
          }
        }
      }
    }
  },
  "/api/reports/my": {
    "get": {
      "tags": [
        "report-controller"
      ],
      "operationId": "getMyReports",
      "parameters": [
        {
          "name": "status",
          "in": "query",
          "required": false,
          "schema": {
            "type": "string"
```

```
          }
        ],
        "responses": {
          "200": {
            "description": "OK",
            "content": {
              "*/*": {
                "schema": {
                  "type": "array",
                  "items": {
                    "$ref":
"#/components/schemas/ReportResponse"
                  }
                }
              }
            }
          }
        }
      }
    },
    "/api/reports/my/stats": {
      "get": {
        "tags": [
          "report-controller"
        ],
        "operationId": "getMyStats",
        "responses": {
          "200": {
            "description": "OK",
            "content": {
              "*/*": {
                "schema": {
                  "$ref":
"#/components/schemas/DashboardResponse"
                }
              }
            }
          }
```

```
      }
    },
    "/api/reports/dashboard": {
      "get": {
        "tags": [
          "report-controller"
        ],
        "operationId": "getUserDashboard",
        "responses": {
          "200": {
            "description": "OK",
            "content": {
              "*/*": {
                "schema": {
                  "$ref":
"#/components/schemas/DashboardResponse"
                }
              }
            }
          }
        }
      }
    },
    "/api/reports/categories": {
      "get": {
        "tags": [
          "report-controller"
        ],
        "operationId": "getCategories",
        "responses": {
          "200": {
            "description": "OK",
            "content": {
              "*/*": {
                "schema": {
                  "type": "array",
                  "items": {
                    "type": "string",
```

```
                      "ROAD_DAMAGE",
                      "LITTER",
                      "BROKEN_STREETLIGHT",
                      "GRAFFITI",
                      "DAMAGED_SIGN",
                      "FALLEN_TREE",
                      "POTHOLE",
                      "BROKEN_BENCH",
                      "DAMAGED_PLAYGROUND",
                      "ILLEGAL_DUMPING",
                      "OTHER"
                    ]
                  }
                }
              }
            }
          }
        }
      }
    },
    "/api/reports/all-submitted": {
      "get": {
        "tags": [
          "report-controller"
        ],
        "operationId": "getAllSubmittedReports",
        "parameters": [
          {
            "name": "status",
            "in": "query",
            "required": false,
            "schema": {
              "type": "string"
            }
          },
          {
            "name": "search",
            "in": "query",
```

```
              "schema": {
                "type": "string"
              }
            }
          ],
          "responses": {
            "200": {
              "description": "OK",
              "content": {
                "*/*": {
                  "schema": {
                    "type": "array",
                    "items": {
                      "$ref":
"#/components/schemas/ReportResponse"
                    }
                  }
                }
              }
            }
          }
        }
      }
    },
    "/api/officer/inbox": {
      "get": {
        "tags": [
          "officer-inbox-controller"
        ],
        "operationId": "getInbox",
        "responses": {
          "200": {
            "description": "OK",
            "content": {
              "*/*": {
                "schema": {
                  "type": "array",
                  "items": {
                    "$ref":
```

```
                    }
                  }
                }
              }
            }
          }
        }
      }
    },
    "/api/notifications": {
      "get": {
        "tags": [
          "notification-controller"
        ],
        "operationId": "getNotifications",
        "responses": {
          "200": {
            "description": "OK",
            "content": {
              "*/*": {
                "schema": {
                  "type": "array",
                  "items": {
                    "$ref":
"#/components/schemas/NotificationDTO"
                  }
                }
              }
            }
          }
        }
      }
    },
    "/api/notifications/unread": {
      "get": {
        "tags": [
          "notification-controller"
        ],
        "operationId": "getUnreadNotifications",
```

```json
          "200": {
            "description": "OK",
            "content": {
              "*/*": {
                "schema": {
                  "type": "array",
                  "items": {
                    "$ref":
"#/components/schemas/NotificationDTO"
                  }
                }
              }
            }
          }
        }
      }
    },
    "/api/notifications/unread/count": {
      "get": {
        "tags": [
          "notification-controller"
        ],
        "operationId": "getUnreadCount",
        "responses": {
          "200": {
            "description": "OK",
            "content": {
              "*/*": {
                "schema": {
                  "type": "object",
                  "additionalProperties": {
                    "type": "integer",
                    "format": "int64"
                  }
                }
              }
            }
          }
        }
```

```
      }
    },
    "/api/messages/unread/count": {
      "get": {
        "tags": [
          "message-controller"
        ],
        "operationId": "getUnreadCount_1",
        "responses": {
          "200": {
            "description": "OK",
            "content": {
              "*/*": {
                "schema": {
                  "type": "integer",
                  "format": "int64"
                }
              }
            }
          }
        }
      }
    },
    "/api/messages/sent": {
      "get": {
        "tags": [
          "message-controller"
        ],
        "operationId": "getSent",
        "parameters": [
          {
            "name": "pageable",
            "in": "query",
            "required": true,
            "schema": {
              "$ref": "#/components/schemas/Pageable"
            }
          }
```

```json
        "responses": {
          "200": {
            "description": "OK",
            "content": {
              "*/*": {
                "schema": {
                  "$ref":
"#/components/schemas/PageMessage"
                }
              }
            }
          }
        }
      }
    },
    "/api/messages/report/{reportId}": {
      "get": {
        "tags": [
          "message-controller"
        ],
        "operationId": "getMessagesByReport",
        "parameters": [
          {
            "name": "reportId",
            "in": "path",
            "required": true,
            "schema": {
              "type": "integer",
              "format": "int64"
            }
          },
          {
            "name": "pageable",
            "in": "query",
            "required": true,
            "schema": {
              "$ref": "#/components/schemas/Pageable"
            }
```

```
        ],
        "responses": {
          "200": {
            "description": "OK",
            "content": {
              "*/*": {
                "schema": {
                  "$ref":
"#/components/schemas/PageMessage"
                }
              }
            }
          }
        }
      }
    },
    "/api/messages/received": {
      "get": {
        "tags": [
          "message-controller"
        ],
        "operationId": "getReceived",
        "parameters": [
          {
            "name": "pageable",
            "in": "query",
            "required": true,
            "schema": {
              "$ref": "#/components/schemas/Pageable"
            }
          }
        ],
        "responses": {
          "200": {
            "description": "OK",
            "content": {
              "*/*": {
                "schema": {
```

```
"#/components/schemas/PageMessage"
                  }
                }
              }
            }
          }
        }
      },
      "/api/messages/deleted": {
        "get": {
          "tags": [
            "message-controller"
          ],
          "operationId": "getDeleted",
          "parameters": [
            {
              "name": "pageable",
              "in": "query",
              "required": true,
              "schema": {
                "$ref": "#/components/schemas/Pageable"
              }
            }
          ],
          "responses": {
            "200": {
              "description": "OK",
              "content": {
                "*/*": {
                  "schema": {
                    "$ref":
"#/components/schemas/PageMessage"
                  }
                }
              }
            }
          }
        }
      }
```

Pretty-print

```
    "/api/messages/conversation/{reportId}": {
      "get": {
        "tags": [
          "message-controller"
        ],
        "operationId": "getConversation",
        "parameters": [
          {
            "name": "reportId",
            "in": "path",
            "required": true,
            "schema": {
              "type": "integer",
              "format": "int64"
            }
          },
          {
            "name": "pageable",
            "in": "query",
            "required": true,
            "schema": {
              "$ref": "#/components/schemas/Pageable"
            }
          }
        ],
        "responses": {
          "200": {
            "description": "OK",
            "content": {
              "*/*": {
                "schema": {
                  "$ref":
"#/components/schemas/PageMessage"
                }
              }
            }
          }
        }
      }
```

```json
    },
    "/api/media/{id}": {
      "get": {
        "tags": [
          "media-controller"
        ],
        "operationId": "getMedia_1",
        "parameters": [
          {
            "name": "id",
            "in": "path",
            "required": true,
            "schema": {
              "type": "integer",
              "format": "int64"
            }
          }
        ],
        "responses": {
          "200": {
            "description": "OK",
            "content": {
              "*/*": {
                "schema": {
                  "type": "string",
                  "format": "binary"
                }
              }
            }
          }
        }
      }
    },
    "/api/files/{fileName}": {
      "get": {
        "tags": [
          "file-controller"
        ],
```

```
        "parameters": [
          {
            "name": "fileName",
            "in": "path",
            "required": true,
            "schema": {
              "type": "string"
            }
          }
        ],
        "responses": {
          "200": {
            "description": "OK",
            "content": {
              "*/*": {
                "schema": {
                  "type": "string",
                  "format": "binary"
                }
              }
            }
          }
        }
      }
    },
    "/api/files/download/{fileName}": {
      "get": {
        "tags": [
          "file-controller"
        ],
        "operationId": "downloadFile",
        "parameters": [
          {
            "name": "fileName",
            "in": "path",
            "required": true,
            "schema": {
              "type": "string"
```

```json
            }
          ],
          "responses": {
            "200": {
              "description": "OK",
              "content": {
                "*/*": {
                  "schema": {
                    "type": "string",
                    "format": "binary"
                  }
                }
              }
            }
          }
        }
      }
    },
    "/api/conversations/{id}/messages": {
      "get": {
        "tags": [
          "conversation-controller"
        ],
        "operationId": "getMessages",
        "parameters": [
          {
            "name": "id",
            "in": "path",
            "required": true,
            "schema": {
              "type": "integer",
              "format": "int64"
            }
          }
        ],
        "responses": {
          "200": {
            "description": "OK",
            "content": {
```

```
                "schema": {
                  "type": "array",
                  "items": {
                    "$ref":
"#/components/schemas/ConversationMessageResponse"
                  }
                }
              }
            }
          }
        }
      }
    },
    "/api/conversations/sent": {
      "get": {
        "tags": [
          "conversation-controller"
        ],
        "operationId": "getSent_1",
        "responses": {
          "200": {
            "description": "OK",
            "content": {
              "*/*": {
                "schema": {
                  "type": "array",
                  "items": {
                    "$ref":
"#/components/schemas/InboxItemDTO"
                  }
                }
              }
            }
          }
        }
      }
    },
    "/api/conversations/inbox": {
```

Pretty-print

```json
        "tags": [
          "conversation-controller"
        ],
        "operationId": "getInbox_1",
        "responses": {
          "200": {
            "description": "OK",
            "content": {
              "*/*": {
                "schema": {
                  "type": "array",
                  "items": {
                    "$ref":
"#/components/schemas/InboxItemDTO"
                  }
                }
              }
            }
          }
        }
      }
    },
    "/api/auth/verify": {
      "get": {
        "tags": [
          "auth-controller"
        ],
        "operationId": "verifyEmail",
        "parameters": [
          {
            "name": "token",
            "in": "query",
            "required": true,
            "schema": {
              "type": "string"
            }
          }
        ],
```

```
            "200": {
              "description": "OK",
              "content": {
                "*/*": {
                  "schema": {
                    "type": "string"
                  }
                }
              }
            }
          }
        }
      },
      "/api/auth/google": {
        "get": {
          "tags": [
            "o-auth-controller"
          ],
          "operationId": "redirectToGoogle",
          "responses": {
            "200": {
              "description": "OK"
            }
          }
        }
      },
      "/api/auth/google/callback": {
        "get": {
          "tags": [
            "o-auth-controller"
          ],
          "operationId": "handleGoogleCallback",
          "parameters": [
            {
              "name": "code",
              "in": "query",
              "required": true,
              "schema": {
```

```
              }
            }
          ],
          "responses": {
            "200": {
              "description": "OK"
            }
          }
        }
      },
      "/api/auth/facebook": {
        "get": {
          "tags": [
            "o-auth-controller"
          ],
          "operationId": "redirectToFacebook",
          "responses": {
            "200": {
              "description": "OK"
            }
          }
        }
      },
      "/api/auth/facebook/callback": {
        "get": {
          "tags": [
            "o-auth-controller"
          ],
          "operationId": "handleFacebookCallback",
          "parameters": [
            {
              "name": "code",
              "in": "query",
              "required": true,
              "schema": {
                "type": "string"
              }
            }
```

```
          "responses": {
            "200": {
              "description": "OK"
            }
          }
        }
      }
    },
    "/api/announcements": {
      "get": {
        "tags": [
          "announcement-controller"
        ],
        "operationId": "getAllAnnouncements",
        "responses": {
          "200": {
            "description": "OK",
            "content": {
              "*/*": {
                "schema": {
                  "type": "array",
                  "items": {
                    "$ref":
"#/components/schemas/AnnouncementResponse"
                  }
                }
              }
            }
          }
        }
      }
    },
    "/api/announcements/{id}": {
      "get": {
        "tags": [
          "announcement-controller"
        ],
        "operationId": "getAnnouncementById",
        "parameters": [
```

```json
            "name": "id",
            "in": "path",
            "required": true,
            "schema": {
              "type": "integer",
              "format": "int64"
            }
          }
        ],
        "responses": {
          "200": {
            "description": "OK",
            "content": {
              "*/*": {
                "schema": {
                  "$ref":
"#/components/schemas/AnnouncementResponse"
                }
              }
            }
          }
        }
      }
    },
    "delete": {
      "tags": [
        "announcement-controller"
      ],
      "operationId": "deleteAnnouncement",
      "parameters": [
        {
          "name": "id",
          "in": "path",
          "required": true,
          "schema": {
            "type": "integer",
            "format": "int64"
          }
        }
```

```json
        "responses": {
          "200": {
            "description": "OK"
          }
        }
      }
    },
    "/api/announcements/urgent": {
      "get": {
        "tags": [
          "announcement-controller"
        ],
        "operationId": "getUrgentAnnouncements",
        "responses": {
          "200": {
            "description": "OK",
            "content": {
              "*/*": {
                "schema": {
                  "type": "array",
                  "items": {
                    "$ref":
"#/components/schemas/AnnouncementResponse"
                  }
                }
              }
            }
          }
        }
      }
    },
    "/api/announcements/public": {
      "get": {
        "tags": [
          "announcement-controller"
        ],
        "operationId": "getPublicAnnouncements",
        "responses": {
```

```json
            "description": "OK",
            "content": {
              "*/*": {
                "schema": {
                  "type": "array",
                  "items": {
                    "$ref":
"#/components/schemas/AnnouncementResponse"
                  }
                }
              }
            }
          }
        }
      }
    },
    "/api/announcements/officers": {
      "get": {
        "tags": [
          "announcement-controller"
        ],
        "operationId": "officers",
        "parameters": [
          {
            "name": "userRepo",
            "in": "query",
            "required": true,
            "schema": {
              "$ref":
"#/components/schemas/UserRepository"
            }
          }
        ],
        "responses": {
          "200": {
            "description": "OK",
            "content": {
              "*/*": {
```

```json
                  "type": "array",
                  "items": {
                    "type": "object",
                    "additionalProperties": {

                    }
                  }
                }
              }
            }
          }
        }
      }
    },
    "/api/announcements/latest": {
      "get": {
        "tags": [
          "announcement-controller"
        ],
        "operationId": "latest",
        "parameters": [
          {
            "name": "limit",
            "in": "query",
            "required": false,
            "schema": {
              "type": "integer",
              "format": "int32",
              "default": 3
            }
          }
        ],
        "responses": {
          "200": {
            "description": "OK",
            "content": {
              "*/*": {
                "schema": {
```

```json
                    "items": {
                      "type": "object",
                      "additionalProperties": {

                      }
                    }
                  }
                }
              }
            }
          }
        }
    },
    "/api/admin": {
      "get": {
        "tags": [
          "admin-controller"
        ],
        "operationId": "getAdminDashboard",
        "responses": {
          "200": {
            "description": "OK",
            "content": {
              "*/*": {
                "schema": {
                  "type": "object"
                }
              }
            }
          }
        }
      }
    },
    "/api/admin/users": {
      "get": {
        "tags": [
          "admin-controller"
        ],
```

```
          "parameters": [
            {
              "name": "pageable",
              "in": "query",
              "required": true,
              "schema": {
                "$ref": "#/components/schemas/Pageable"
              }
            }
          ],
          "responses": {
            "200": {
              "description": "OK",
              "content": {
                "*/*": {
                  "schema": {
                    "$ref":
"#/components/schemas/PageUserDTO"
                  }
                }
              }
            }
          }
        }
      },
      "/api/admin/stats/reports/summary": {
        "get": {
          "tags": [
            "admin-stats-controller"
          ],
          "operationId": "summary",
          "responses": {
            "200": {
              "description": "OK",
              "content": {
                "*/*": {
                  "schema": {
                    "$ref":
```

```
                  }
                }
              }
            }
          }
        }
      }
    },
    "/api/admin/stats/reports/status-counts": {
      "get": {
        "tags": [
          "admin-stats-controller"
        ],
        "operationId": "getReportStatusCounts",
        "responses": {
          "200": {
            "description": "OK",
            "content": {
              "*/*": {
                "schema": {
                  "type": "object",
                  "additionalProperties": {
                    "type": "integer",
                    "format": "int64"
                  }
                }
              }
            }
          }
        }
      }
    },
    "/api/admin/stats/reports/resolution-trend": {
      "get": {
        "tags": [
          "admin-stats-controller"
        ],
        "operationId": "resolutionTrend",
        "parameters": [
```

```
            "name": "weeks",
            "in": "query",
            "required": false,
            "schema": {
              "type": "integer",
              "format": "int32",
              "default": 8
            }
          }
        ],
        "responses": {
          "200": {
            "description": "OK",
            "content": {
              "*/*": {
                "schema": {
                  "type": "array",
                  "items": {
                    "$ref":
"#/components/schemas/ResolutionTrendPointDTO"
                  }
                }
              }
            }
          }
        }
      }
    },
    "/api/admin/stats/reports/by-category": {
      "get": {
        "tags": [
          "admin-stats-controller"
        ],
        "operationId": "byCategory",
        "responses": {
          "200": {
            "description": "OK",
            "content": {
```

```
                "schema": {
                  "type": "array",
                  "items": {
                    "$ref":
"#/components/schemas/CategoryCountDTO"
                  }
                }
              }
            }
          }
        }
      }
    },
    "/api/admin/stats/officer-workload": {
      "get": {
        "tags": [
          "admin-stats-controller"
        ],
        "operationId": "officerWorkload",
        "responses": {
          "200": {
            "description": "OK",
            "content": {
              "*/*": {
                "schema": {
                  "type": "array",
                  "items": {
                    "$ref":
"#/components/schemas/OfficerWorkloadDTO"
                  }
                }
              }
            }
          }
        }
      }
    },
    "/api/admin/stats/debug/reports": {
```

```json
          "tags": [
            "admin-stats-controller"
          ],
          "operationId": "debugReportsByStatus",
          "parameters": [
            {
              "name": "status",
              "in": "query",
              "required": true,
              "schema": {
                "type": "string"
              }
            }
          ],
          "responses": {
            "200": {
              "description": "OK",
              "content": {
                "*/*": {
                  "schema": {
                    "type": "array",
                    "items": {
                      "type": "object",
                      "additionalProperties": {

                      }
                    }
                  }
                }
              }
            }
          }
        }
      },
      "/api/admin/reports": {
        "get": {
          "tags": [
            "admin-stats-controller"
```

Pretty-print
        "operationId": "getReports",
        "parameters": [
          {
            "name": "page",
            "in": "query",
            "required": false,
            "schema": {
              "type": "integer",
              "format": "int32",
              "default": 0
            }
          },
          {
            "name": "size",
            "in": "query",
            "required": false,
            "schema": {
              "type": "integer",
              "format": "int32",
              "default": 10
            }
          },
          {
            "name": "sort",
            "in": "query",
            "required": false,
            "schema": {
              "type": "string",
              "default": "createdAt,desc"
            }
          },
          {
            "name": "status",
            "in": "query",
            "required": false,
            "schema": {
              "type": "string"
            }

```json
          {
            "name": "category",
            "in": "query",
            "required": false,
            "schema": {
              "type": "string"
            }
          },
          {
            "name": "officerId",
            "in": "query",
            "required": false,
            "schema": {
              "type": "integer",
              "format": "int64"
            }
          },
          {
            "name": "from",
            "in": "query",
            "required": false,
            "schema": {
              "type": "string",
              "format": "date-time"
            }
          },
          {
            "name": "to",
            "in": "query",
            "required": false,
            "schema": {
              "type": "string",
              "format": "date-time"
            }
          },
          {
            "name": "search",
            "in": "query",
```

```json
              "schema": {
                "type": "string"
              }
            }
          ],
          "responses": {
            "200": {
              "description": "OK",
              "content": {
                "*/*": {
                  "schema": {
                    "$ref":
"#/components/schemas/PageReportResponse"
                  }
                }
              }
            }
          }
        }
      }
    },
    "/api/admin/reports/{id}": {
      "get": {
        "tags": [
          "admin-stats-controller"
        ],
        "operationId": "reportDetail",
        "parameters": [
          {
            "name": "id",
            "in": "path",
            "required": true,
            "schema": {
              "type": "integer",
              "format": "int64"
            }
          }
        ],
        "responses": {
```

```
              "description": "OK",
              "content": {
                "*/*": {
                  "schema": {
                    "$ref":
"#/components/schemas/ReportResponse"
                  }
                }
              }
            }
          }
        }
      }
    },
    "/api/admin/reports/summary": {
      "get": {
        "tags": [
          "admin-stats-controller"
        ],
        "operationId": "summaryFiltered",
        "parameters": [
          {
            "name": "from",
            "in": "query",
            "required": false,
            "schema": {
              "type": "string",
              "format": "date-time"
            }
          },
          {
            "name": "to",
            "in": "query",
            "required": false,
            "schema": {
              "type": "string",
              "format": "date-time"
            }
          },
```

```
            "name": "status",
            "in": "query",
            "required": false,
            "schema": {
              "type": "string"
            }
          },
          {
            "name": "category",
            "in": "query",
            "required": false,
            "schema": {
              "type": "string"
            }
          },
          {
            "name": "officerId",
            "in": "query",
            "required": false,
            "schema": {
              "type": "integer",
              "format": "int64"
            }
          }
        ],
        "responses": {
          "200": {
            "description": "OK",
            "content": {
              "*/*": {
                "schema": {
                  "type": "object",
                  "additionalProperties": {

                  }
                }
              }
            }
          }
```

```
          }
        }
      },
      "/api/admin/reports/recent": {
        "get": {
          "tags": [
            "admin-stats-controller"
          ],
          "operationId": "recent",
          "parameters": [
            {
              "name": "limit",
              "in": "query",
              "required": false,
              "schema": {
                "type": "integer",
                "format": "int32",
                "default": 5
              }
            }
          ],
          "responses": {
            "200": {
              "description": "OK",
              "content": {
                "*/*": {
                  "schema": {
                    "type": "array",
                    "items": {
                      "$ref":
"#/components/schemas/RecentReportDTO"
                    }
                  }
                }
              }
            }
          }
        }
      }
```

```
    "/api/admin/performance/trend": {
      "get": {
        "tags": [
          "officer-performance-controller"
        ],
        "operationId": "trend",
        "parameters": [
          {
            "name": "officerId",
            "in": "query",
            "required": false,
            "schema": {
              "type": "integer",
              "format": "int64"
            }
          },
          {
            "name": "days",
            "in": "query",
            "required": false,
            "schema": {
              "type": "integer",
              "format": "int32",
              "default": 30
            }
          },
          {
            "name": "from",
            "in": "query",
            "required": false,
            "schema": {
              "type": "string"
            }
          },
          {
            "name": "to",
            "in": "query",
            "required": false,
```

```json
              "type": "string"
            }
          },
          {
            "name": "interval",
            "in": "query",
            "required": false,
            "schema": {
              "type": "string"
            }
          }
        ],
        "responses": {
          "200": {
            "description": "OK",
            "content": {
              "*/*": {
                "schema": {
                  "type": "object",
                  "additionalProperties": {

                  }
                }
              }
            }
          }
        }
      }
    },
    "/api/admin/performance/summary": {
      "get": {
        "tags": [
          "officer-performance-controller"
        ],
        "operationId": "summary_1",
        "parameters": [
          {
            "name": "officerId",
```

```json
          "required": false,
          "schema": {
            "type": "integer",
            "format": "int64"
          }
        },
        {
          "name": "days",
          "in": "query",
          "required": false,
          "schema": {
            "type": "integer",
            "format": "int32"
          }
        },
        {
          "name": "from",
          "in": "query",
          "required": false,
          "schema": {
            "type": "string"
          }
        },
        {
          "name": "to",
          "in": "query",
          "required": false,
          "schema": {
            "type": "string"
          }
        }
      ],
      "responses": {
        "200": {
          "description": "OK",
          "content": {
            "*/*": {
              "schema": {
```

```
Pretty-print
"#/components/schemas/PerformanceSummary"
                }
              }
            }
          }
        }
      }
    },
    "/api/admin/performance/outliers": {
      "get": {
        "tags": [
          "officer-performance-controller"
        ],
        "operationId": "outliers",
        "parameters": [
          {
            "name": "officerId",
            "in": "query",
            "required": false,
            "schema": {
              "type": "integer",
              "format": "int64"
            }
          },
          {
            "name": "from",
            "in": "query",
            "required": true,
            "schema": {
              "type": "string"
            }
          },
          {
            "name": "to",
            "in": "query",
            "required": true,
            "schema": {
              "type": "string"
```

```
          },
          {
            "name": "limit",
            "in": "query",
            "required": false,
            "schema": {
              "type": "integer",
              "format": "int32",
              "default": 10
            }
          }
        ],
        "responses": {
          "200": {
            "description": "OK",
            "content": {
              "*/*": {
                "schema": {
                  "type": "object",
                  "additionalProperties": {

                  }
                }
              }
            }
          }
        }
      }
    },
    "/api/admin/performance/officers": {
      "get": {
        "tags": [
          "officer-performance-controller"
        ],
        "operationId": "listOfficers",
        "responses": {
          "200": {
            "description": "OK",
```

```
            "*/*": {
              "schema": {
                "type": "array",
                "items": {
                  "type": "object",
                  "additionalProperties": {

                  }
                }
              }
            }
          }
        }
      }
    },
    "/api/admin/performance/export.csv": {
      "get": {
        "tags": [
          "officer-performance-controller"
        ],
        "operationId": "exportCsv",
        "parameters": [
          {
            "name": "officerId",
            "in": "query",
            "required": false,
            "schema": {
              "type": "integer",
              "format": "int64"
            }
          },
          {
            "name": "from",
            "in": "query",
            "required": true,
            "schema": {
              "type": "string"
```

```
          },
          {
            "name": "to",
            "in": "query",
            "required": true,
            "schema": {
              "type": "string"
            }
          }
        ],
        "responses": {
          "200": {
            "description": "OK",
            "content": {
              "*/*": {
                "schema": {
                  "type": "string",
                  "format": "byte"
                }
              }
            }
          }
        }
      }
    },
    "/api/admin/performance/by-category": {
      "get": {
        "tags": [
          "officer-performance-controller"
        ],
        "operationId": "byCategory_1",
        "parameters": [
          {
            "name": "officerId",
            "in": "query",
            "required": false,
            "schema": {
              "type": "integer",
```

```
          }
        },
        {
          "name": "from",
          "in": "query",
          "required": true,
          "schema": {
            "type": "string"
          }
        },
        {
          "name": "to",
          "in": "query",
          "required": true,
          "schema": {
            "type": "string"
          }
        },
        {
          "name": "slaDays",
          "in": "query",
          "required": false,
          "schema": {
            "type": "number",
            "format": "double",
            "default": 5
          }
        }
      ],
      "responses": {
        "200": {
          "description": "OK",
          "content": {
            "*/*": {
              "schema": {
                "type": "array",
                "items": {
                  "type": "object",
```

```
                    }
                  }
                }
              }
            }
          }
        }
      }
    },
    "/api/admin/officers": {
      "get": {
        "tags": [
          "admin-stats-controller"
        ],
        "operationId": "officers_1",
        "responses": {
          "200": {
            "description": "OK",
            "content": {
              "*/*": {
                "schema": {
                  "type": "array",
                  "items": {
                    "$ref":
"#/components/schemas/OfficerDTO"
                  }
                }
              }
            }
          }
        }
      }
    },
    "/api/admin/conversations/{id}/messages": {
      "get": {
        "tags": [
          "admin-conversation-controller"
```

```
          "operationId": "messages",
          "parameters": [
            {
              "name": "id",
              "in": "path",
              "required": true,
              "schema": {
                "type": "integer",
                "format": "int64"
              }
            }
          ],
          "responses": {
            "200": {
              "description": "OK",
              "content": {
                "*/*": {
                  "schema": {
                    "type": "array",
                    "items": {
                      "$ref":
"#/components/schemas/ConversationMessageResponse"
                    }
                  }
                }
              }
            }
          }
        }
      },
      "/api/admin/conversations/sent": {
        "get": {
          "tags": [
            "admin-conversation-controller"
          ],
          "operationId": "sent",
          "responses": {
            "200": {
```

```
              "content": {
              "*/*": {
                "schema": {
                  "type": "array",
                  "items": {
                    "$ref":
"#/components/schemas/InboxItemDTO"
                  }
                }
              }
            }
          }
        }
      }
    },
    "/api/admin/conversations/inbox": {
      "get": {
        "tags": [
          "admin-conversation-controller"
        ],
        "operationId": "inbox",
        "responses": {
          "200": {
            "description": "OK",
            "content": {
              "*/*": {
                "schema": {
                  "type": "array",
                  "items": {
                    "$ref":
"#/components/schemas/InboxItemDTO"
                  }
                }
              }
            }
          }
        }
      }
    }
```

```
    "/api/": {
      "get": {
        "tags": [
          "api-controller"
        ],
        "operationId": "apiRoot",
        "responses": {
          "200": {
            "description": "OK",
            "content": {
              "*/*": {
                "schema": {
                  "type": "string"
                }
              }
            }
          }
        }
      }
    },
    "/__test": {
      "get": {
        "tags": [
          "test-controller"
        ],
        "operationId": "test",
        "responses": {
          "200": {
            "description": "OK",
            "content": {
              "*/*": {
                "schema": {
                  "type": "string"
                }
              }
            }
          }
        }
      }
```

```
        },
        "/": {
          "get": {
            "tags": [
              "home-controller"
            ],
            "operationId": "home",
            "responses": {
              "200": {
                "description": "OK",
                "content": {
                  "*/*": {
                    "schema": {
                      "type": "string"
                    }
                  }
                }
              }
            }
          }
        },
        "/api/notifications/{id}": {
          "delete": {
            "tags": [
              "notification-controller"
            ],
            "operationId": "deleteNotification",
            "parameters": [
              {
                "name": "id",
                "in": "path",
                "required": true,
                "schema": {
                  "type": "integer",
                  "format": "int64"
                }
              }
            ],
```

```json
          "200": {
            "description": "OK"
          }
        }
      }
    },
    "/api/messages/{messageId}": {
      "delete": {
        "tags": [
          "message-controller"
        ],
        "operationId": "deleteMessage",
        "parameters": [
          {
            "name": "messageId",
            "in": "path",
            "required": true,
            "schema": {
              "type": "integer",
              "format": "int64"
            }
          }
        ],
        "responses": {
          "200": {
            "description": "OK"
          }
        }
      }
    },
    "/api/files/delete/{fileName}": {
      "delete": {
        "tags": [
          "file-controller"
        ],
        "operationId": "deleteFile",
        "parameters": [
          {
```

```
            "in": "path",
            "required": true,
            "schema": {
              "type": "string"
            }
          }
        ],
        "responses": {
          "200": {
            "description": "OK",
            "content": {
              "*/*": {
                "schema": {
                  "type": "object",
                  "additionalProperties": {
                    "type": "string"
                  }
                }
              }
            }
          }
        }
      }
    },
    "/api/admin/conversations/{id}": {
      "delete": {
        "tags": [
          "admin-conversation-controller"
        ],
        "operationId": "deleteConversation",
        "parameters": [
          {
            "name": "id",
            "in": "path",
            "required": true,
            "schema": {
              "type": "integer",
              "format": "int64"
```

```
          }
        ],
        "responses": {
          "200": {
            "description": "OK"
          }
        }
      }
    }
  },
  "components": {
    "schemas": {
      "AdminUpdateUserRequest": {
        "type": "object",
        "properties": {
          "firstName": {
            "type": "string",
            "maxLength": 50,
            "minLength": 0
          },
          "lastName": {
            "type": "string",
            "maxLength": 50,
            "minLength": 0
          },
          "email": {
            "type": "string",
            "format": "email",
            "maxLength": 100,
            "minLength": 0
          },
          "phoneNumber": {
            "type": "string",
            "pattern": "^(\\+?[1-9]\\d{7,14})?$"
          },
          "gender": {
            "type": "string",
            "pattern": "^(Male|Female|Other)?$"
```

```json
          "dateOfBirth": {
            "type": "string",
            "format": "date"
          },
          "postalCode": {
            "type": "string",
            "pattern": "^(\\d{5})?$"
          },
          "streetName": {
            "type": "string",
            "maxLength": 100,
            "minLength": 0
          },
          "houseNumber": {
            "type": "string",
            "maxLength": 20,
            "minLength": 0
          },
          "city": {
            "type": "string",
            "maxLength": 50,
            "minLength": 0
          },
          "province": {
            "type": "string",
            "maxLength": 50,
            "minLength": 0
          },
          "nationalId": {
            "type": "string",
            "pattern": "^\\d{16}$"
          },
          "role": {
            "type": "string",
            "pattern": "^(CITIZEN|OFFICER|ADMIN)?$"
          },
          "enabled": {
            "type": "boolean"
```

```
          "emailVerified": {
            "type": "boolean"
          },
          "accountNonLocked": {
            "type": "boolean"
          },
          "password": {
            "type": "string",
            "maxLength": 100,
            "minLength": 6
          }
        }
      },
      "Address": {
        "type": "object",
        "properties": {
          "postalCode": {
            "type": "string"
          },
          "streetName": {
            "type": "string"
          },
          "houseNumber": {
            "type": "string"
          },
          "city": {
            "type": "string"
          },
          "province": {
            "type": "string"
          }
        }
      },
      "UserResponse": {
        "type": "object",
        "properties": {
          "id": {
            "type": "integer",
```

```
          },
          "firstName": {
            "type": "string"
          },
          "lastName": {
            "type": "string"
          },
          "email": {
            "type": "string"
          },
          "role": {
            "type": "string",
            "enum": [
              "CITIZEN",
              "OFFICER",
              "ADMIN"
            ]
          },
          "enabled": {
            "type": "boolean"
          },
          "emailVerified": {
            "type": "boolean"
          },
          "accountNonLocked": {
            "type": "boolean"
          },
          "phoneNumber": {
            "type": "string"
          },
          "gender": {
            "type": "string"
          },
          "address": {
            "$ref": "#/components/schemas/Address"
          },
          "avatarUrl": {
            "type": "string"
```

```
          "createdAt": {
            "type": "string",
            "format": "date-time"
          },
          "updatedAt": {
            "type": "string",
            "format": "date-time"
          },
          "lastLogin": {
            "type": "string"
          },
          "fullName": {
            "type": "string"
          }
        }
      },
      "UpdateStatusRequest": {
        "type": "object",
        "properties": {
          "enabled": {
            "type": "boolean"
          }
        }
      },
      "UpdateRoleRequest": {
        "type": "object",
        "properties": {
          "role": {
            "type": "string"
          }
        }
      },
      "UpdateUserProfileRequest": {
        "type": "object",
        "properties": {
          "firstName": {
            "type": "string",
            "maxLength": 50,
```

```
          },
          "lastName": {
            "type": "string",
            "maxLength": 50,
            "minLength": 0
          },
          "email": {
            "type": "string",
            "format": "email",
            "maxLength": 100,
            "minLength": 0
          },
          "phoneNumber": {
            "type": "string",
            "pattern": "^(\\+?[1-9]\\d{7,14})?$"
          },
          "gender": {
            "type": "string",
            "pattern": "^(Male|Female|Other)?$"
          },
          "dateOfBirth": {
            "type": "string",
            "format": "date"
          },
          "postalCode": {
            "type": "string",
            "pattern": "^(\\d{5})?$"
          },
          "streetName": {
            "type": "string",
            "maxLength": 100,
            "minLength": 0
          },
          "houseNumber": {
            "type": "string",
            "maxLength": 20,
            "minLength": 0
          },
```

```json
            "type": "string",
            "maxLength": 50,
            "minLength": 0
          },
          "province": {
            "type": "string",
            "maxLength": 50,
            "minLength": 0
          },
          "password": {
            "type": "string",
            "maxLength": 100,
            "minLength": 6
          }
        },
        "required": [
          "email",
          "firstName",
          "lastName"
        ]
      },
      "AddressDto": {
        "type": "object",
        "properties": {
          "streetName": {
            "type": "string",
            "minLength": 1
          },
          "houseNumber": {
            "type": "string"
          },
          "postalCode": {
            "type": "string"
          },
          "city": {
            "type": "string",
            "minLength": 1
          },
```

```
          "type": "string"
        },
        "country": {
          "type": "string"
        }
      },
      "required": [
        "city",
        "streetName"
      ]
    },
    "UpdateReportRequest": {
      "type": "object",
      "properties": {
        "title": {
          "type": "string",
          "minLength": 1
        },
        "description": {
          "type": "string",
          "minLength": 1
        },
        "category": {
          "type": "string",
          "enum": [
            "ROAD_DAMAGE",
            "LITTER",
            "BROKEN_STREETLIGHT",
            "GRAFFITI",
            "DAMAGED_SIGN",
            "FALLEN_TREE",
            "POTHOLE",
            "BROKEN_BENCH",
            "DAMAGED_PLAYGROUND",
            "ILLEGAL_DUMPING",
            "OTHER"
          ]
        },
```

```
          "type": "number",
          "format": "double"
        },
        "longitude": {
          "type": "number",
          "format": "double"
        },
        "address": {
          "$ref": "#/components/schemas/AddressDto"
        }
      },
      "required": [
        "address",
        "category",
        "description",
        "latitude",
        "longitude",
        "title"
      ]
    },
    "ReportResponse": {
      "type": "object",
      "properties": {
        "id": {
          "type": "integer",
          "format": "int64"
        },
        "title": {
          "type": "string"
        },
        "description": {
          "type": "string"
        },
        "category": {
          "type": "string",
          "enum": [
            "ROAD_DAMAGE",
            "LITTER",
```

```
          "GRAFFITI",
          "DAMAGED_SIGN",
          "FALLEN_TREE",
          "POTHOLE",
          "BROKEN_BENCH",
          "DAMAGED_PLAYGROUND",
          "ILLEGAL_DUMPING",
          "OTHER"
        ]
      },
      "status": {
        "type": "string",
        "enum": [
          "SUBMITTED",
          "IN_REVIEW",
          "IN_PROGRESS",
          "RESOLVED",
          "REJECTED",
          "CANCELLED"
        ]
      },
      "latitude": {
        "type": "number",
        "format": "double"
      },
      "longitude": {
        "type": "number",
        "format": "double"
      },
      "address": {
        "$ref": "#/components/schemas/AddressDto"
      },
      "createdAt": {
        "type": "string",
        "format": "date-time"
      },
      "updatedAt": {
        "type": "string",
```

```
          },
          "authorName": {
            "type": "string"
          },
          "imageUrls": {
            "type": "array",
            "items": {
              "type": "string"
            }
          },
          "videoUrl": {
            "type": "string"
          },
          "officerName": {
            "type": "string"
          },
          "officerId": {
            "type": "integer",
            "format": "int64"
          },
          "messageCount": {
            "type": "integer",
            "format": "int32"
          },
          "statusHistory": {
            "type": "array",
            "items": {
              "$ref":
"#/components/schemas/StatusHistoryDTO"
            }
          }
        }
      },
      "StatusHistoryDTO": {
        "type": "object",
        "properties": {
          "status": {
            "type": "string"
```

```
            "timestamp": {
              "type": "string",
              "format": "date-time"
            },
            "updatedBy": {
              "type": "string"
            },
            "notes": {
              "type": "string"
            },
            "resolvedPhotoUrl": {
              "type": "string"
            }
          }
        },
        "StatusUpdateDTO": {
          "type": "object",
          "properties": {
            "status": {
              "type": "string",
              "enum": [
                "SUBMITTED",
                "IN_REVIEW",
                "IN_PROGRESS",
                "RESOLVED",
                "REJECTED",
                "CANCELLED"
              ]
            },
            "notes": {
              "type": "string"
            },
            "comment": {
              "type": "string"
            },
            "newStatus": {
              "type": "string"
            }
```

```
          "required": [
            "status"
          ]
        },
        "AnnouncementCreateUpdateDTO": {
          "type": "object",
          "properties": {
            "title": {
              "type": "string"
            },
            "content": {
              "type": "string"
            },
            "visibility": {
              "type": "string",
              "enum": [
                "OFFICERS",
                "ALL"
              ]
            },
            "isActive": {
              "type": "boolean"
            },
            "isUrgent": {
              "type": "boolean"
            },
            "isPinned": {
              "type": "boolean"
            },
            "startAt": {
              "type": "string",
              "format": "date-time"
            },
            "endAt": {
              "type": "string",
              "format": "date-time"
            }
          }
```

Pretty-print

```json
      "AnnouncementAdminDTO": {
        "type": "object",
        "properties": {
          "id": {
            "type": "integer",
            "format": "int64"
          },
          "title": {
            "type": "string"
          },
          "content": {
            "type": "string"
          },
          "visibility": {
            "type": "string",
            "enum": [
              "OFFICERS",
              "ALL"
            ]
          },
          "isActive": {
            "type": "boolean"
          },
          "isUrgent": {
            "type": "boolean"
          },
          "isPinned": {
            "type": "boolean"
          },
          "startAt": {
            "type": "string",
            "format": "date-time"
          },
          "endAt": {
            "type": "string",
            "format": "date-time"
          },
          "createdAt": {
```

```
            "format": "date-time"
          },
          "updatedAt": {
            "type": "string",
            "format": "date-time"
          },
          "createdByName": {
            "type": "string"
          }
        }
      },
      "MessageRequest": {
        "type": "object",
        "properties": {
          "reportId": {
            "type": "integer",
            "format": "int64"
          },
          "content": {
            "type": "string",
            "minLength": 1
          }
        },
        "required": [
          "content",
          "reportId"
        ]
      },
      "CreateReportRequest": {
        "type": "object",
        "properties": {
          "title": {
            "type": "string",
            "minLength": 1
          },
          "description": {
            "type": "string",
            "minLength": 1
```

```json
          "category": {
            "type": "string",
            "enum": [
              "ROAD_DAMAGE",
              "LITTER",
              "BROKEN_STREETLIGHT",
              "GRAFFITI",
              "DAMAGED_SIGN",
              "FALLEN_TREE",
              "POTHOLE",
              "BROKEN_BENCH",
              "DAMAGED_PLAYGROUND",
              "ILLEGAL_DUMPING",
              "OTHER"
            ]
          },
          "latitude": {
            "type": "number",
            "format": "double"
          },
          "longitude": {
            "type": "number",
            "format": "double"
          },
          "address": {
            "$ref": "#/components/schemas/AddressDto"
          }
        },
        "required": [
          "address",
          "category",
          "description",
          "latitude",
          "longitude",
          "title"
        ]
      },
      "GrantedAuthority": {
```

```
              "properties": {
                "authority": {
                  "type": "string"
                }
              }
            }
          },
          "Message": {
            "type": "object",
            "properties": {
              "id": {
                "type": "integer",
                "format": "int64"
              },
              "content": {
                "type": "string"
              },
              "sender": {
                "$ref": "#/components/schemas/User"
              },
              "report": {
                "$ref": "#/components/schemas/Report"
              },
              "createdAt": {
                "type": "string",
                "format": "date-time"
              },
              "read": {
                "type": "boolean"
              },
              "recipient": {
                "$ref": "#/components/schemas/User"
              },
              "deletedByRecipient": {
                "type": "boolean"
              },
              "deletedByAdmin": {
                "type": "boolean"
              }
```

```
        },
        "Report": {
          "type": "object",
          "properties": {
            "id": {
              "type": "integer",
              "format": "int64"
            },
            "title": {
              "type": "string"
            },
            "description": {
              "type": "string"
            },
            "category": {
              "type": "string",
              "enum": [
                "ROAD_DAMAGE",
                "LITTER",
                "BROKEN_STREETLIGHT",
                "GRAFFITI",
                "DAMAGED_SIGN",
                "FALLEN_TREE",
                "POTHOLE",
                "BROKEN_BENCH",
                "DAMAGED_PLAYGROUND",
                "ILLEGAL_DUMPING",
                "OTHER"
              ]
            },
            "status": {
              "type": "string",
              "enum": [
                "SUBMITTED",
                "IN_REVIEW",
                "IN_PROGRESS",
                "RESOLVED",
                "REJECTED",
```

```
              ]
            },
            "latitude": {
              "type": "number",
              "format": "double"
            },
            "longitude": {
              "type": "number",
              "format": "double"
            },
            "address": {
              "$ref": "#/components/schemas/Address"
            },
            "user": {
              "$ref": "#/components/schemas/User"
            },
            "officer": {
              "$ref": "#/components/schemas/User"
            },
            "images": {
              "type": "array",
              "items": {
                "$ref": "#/components/schemas/ReportImage"
              }
            },
            "statusHistory": {
              "type": "array",
              "items": {
                "$ref":
"#/components/schemas/ReportStatusHistory"
              }
            },
            "messages": {
              "type": "array",
              "items": {
                "$ref": "#/components/schemas/Message"
              }
            },
```

```json
          "type": "string",
          "format": "date-time"
        },
        "updatedAt": {
          "type": "string",
          "format": "date-time"
        },
        "resolvedAt": {
          "type": "string",
          "format": "date-time"
        }
      }
    },
    "ReportImage": {
      "type": "object",
      "properties": {
        "id": {
          "type": "integer",
          "format": "int64"
        },
        "report": {

        },
        "fileName": {
          "type": "string"
        },
        "filePath": {
          "type": "string"
        },
        "fileSize": {
          "type": "integer",
          "format": "int64"
        },
        "fileType": {
          "type": "string"
        },
        "imageUrl": {
          "type": "string"
```

```json
          "videoDuration": {
            "type": "integer",
            "format": "int32"
          },
          "videoUrl": {
            "type": "string"
          }
        }
      },
      "ReportStatusHistory": {
        "type": "object",
        "properties": {
          "id": {
            "type": "integer",
            "format": "int64"
          },
          "status": {
            "type": "string",
            "enum": [
              "SUBMITTED",
              "IN_REVIEW",
              "IN_PROGRESS",
              "RESOLVED",
              "REJECTED",
              "CANCELLED"
            ]
          },
          "notes": {
            "type": "string"
          },
          "timestamp": {
            "type": "string",
            "format": "date-time"
          },
          "updatedBy": {
            "type": "string"
          },
          "report": {
```

```
        },
        "resolvedPhotoUrl": {
          "type": "string"
        }
      }
    },
    "User": {
      "type": "object",
      "properties": {
        "id": {
          "type": "integer",
          "format": "int64"
        },
        "firstName": {
          "type": "string"
        },
        "lastName": {
          "type": "string"
        },
        "email": {
          "type": "string"
        },
        "password": {
          "type": "string"
        },
        "userRole": {
          "type": "string",
          "enum": [
            "CITIZEN",
            "OFFICER",
            "ADMIN"
          ]
        },
        "phoneNumber": {
          "type": "string"
        },
        "address": {
          "$ref": "#/components/schemas/Address"
```

```
          "gender": {
            "type": "string"
          },
          "dateOfBirth": {
            "type": "string",
            "format": "date"
          },
          "nationalId": {
            "type": "string"
          },
          "createdAt": {
            "type": "string",
            "format": "date-time"
          },
          "updatedAt": {
            "type": "string",
            "format": "date-time"
          },
          "avatarUrl": {
            "type": "string"
          },
          "lastLogin": {
            "type": "string",
            "format": "date-time"
          },
          "googleId": {
            "type": "string"
          },
          "facebookId": {
            "type": "string"
          },
          "enabled": {
            "type": "boolean"
          },
          "accountNonExpired": {
            "type": "boolean"
          },
          "accountNonLocked": {
```

```
            },
            "credentialsNonExpired": {
              "type": "boolean"
            },
            "emailVerified": {
              "type": "boolean"
            },
            "username": {
              "type": "string"
            },
            "authorities": {
              "type": "array",
              "items": {
                "$ref":
"#/components/schemas/GrantedAuthority"
              }
            }
          }
        },
        "ConversationRequest": {
          "type": "object",
          "properties": {
            "conversationId": {
              "type": "integer",
              "format": "int64"
            },
            "recipientEmail": {
              "type": "string"
            },
            "reportId": {
              "type": "integer",
              "format": "int64"
            },
            "subject": {
              "type": "string"
            },
            "content": {
              "type": "string"
```

```
        }
      },
      "ConversationMessageResponse": {
        "type": "object",
        "properties": {
          "id": {
            "type": "integer",
            "format": "int64"
          },
          "conversationId": {
            "type": "integer",
            "format": "int64"
          },
          "senderId": {
            "type": "integer",
            "format": "int64"
          },
          "senderName": {
            "type": "string"
          },
          "content": {
            "type": "string"
          },
          "createdAt": {
            "type": "string",
            "format": "date-time"
          },
          "read": {
            "type": "boolean"
          }
        }
      },
      "ResetPasswordRequest": {
        "type": "object",
        "properties": {
          "token": {
            "type": "string",
            "minLength": 1
```

```
          "newPassword": {
            "type": "string",
            "minLength": 1
          }
        },
        "required": [
          "newPassword",
          "token"
        ]
      },
      "ApiResponse": {
        "type": "object",
        "properties": {
          "success": {
            "type": "boolean"
          },
          "message": {
            "type": "string"
          },
          "data": {

          }
        }
      },
      "RegisterRequest": {
        "type": "object",
        "properties": {
          "firstName": {
            "type": "string",
            "maxLength": 50,
            "minLength": 0
          },
          "lastName": {
            "type": "string",
            "maxLength": 50,
            "minLength": 0
          },
          "email": {
```

```
          "format": "email",
          "maxLength": 100,
          "minLength": 0
        },
        "password": {
          "type": "string",
          "maxLength": 100,
          "minLength": 6
        },
        "phoneNumber": {
          "type": "string",
          "minLength": 1,
          "pattern": "^\\+?[1-9]\\d{7,14}$"
        },
        "gender": {
          "type": "string",
          "minLength": 1,
          "pattern": "^(Male|Female|Other)$"
        },
        "dateOfBirth": {
          "type": "string",
          "format": "date"
        },
        "userRole": {
          "type": "string",
          "enum": [
            "CITIZEN",
            "OFFICER",
            "ADMIN"
          ]
        },
        "nationalId": {
          "type": "string"
        },
        "postalCode": {
          "type": "string",
          "minLength": 1,
          "pattern": "^\\d{5}$"
```

```
          "streetName": {
            "type": "string",
            "maxLength": 100,
            "minLength": 0
          },
          "houseNumber": {
            "type": "string",
            "maxLength": 20,
            "minLength": 0
          },
          "city": {
            "type": "string",
            "maxLength": 50,
            "minLength": 0
          },
          "province": {
            "type": "string",
            "maxLength": 50,
            "minLength": 0
          }
        },
        "required": [
          "dateOfBirth",
          "email",
          "firstName",
          "gender",
          "houseNumber",
          "lastName",
          "password",
          "phoneNumber",
          "postalCode",
          "streetName"
        ]
      },
      "LoginRequest": {
        "type": "object",
        "properties": {
          "email": {
```

```
          "format": "email",
          "minLength": 1
        },
        "password": {
          "type": "string",
          "minLength": 1
        }
      },
      "required": [
        "email",
        "password"
      ]
    },
    "Pageable": {
      "type": "object",
      "properties": {
        "page": {
          "type": "integer",
          "format": "int32",
          "minimum": 0
        },
        "size": {
          "type": "integer",
          "format": "int32",
          "minimum": 1
        },
        "sort": {
          "type": "array",
          "items": {
            "type": "string"
          }
        }
      }
    },
    "PageUserDTO": {
      "type": "object",
      "properties": {
        "totalElements": {
```

```
              "format": "int64"
            },
            "totalPages": {
              "type": "integer",
              "format": "int32"
            },
            "size": {
              "type": "integer",
              "format": "int32"
            },
            "content": {
              "type": "array",
              "items": {
                "$ref": "#/components/schemas/UserDTO"
              }
            },
            "number": {
              "type": "integer",
              "format": "int32"
            },
            "first": {
              "type": "boolean"
            },
            "last": {
              "type": "boolean"
            },
            "numberOfElements": {
              "type": "integer",
              "format": "int32"
            },
            "sort": {
              "$ref": "#/components/schemas/SortObject"
            },
            "pageable": {
              "$ref":
"#/components/schemas/PageableObject"
            },
            "empty": {
```

```
            }
          }
        },
        "PageableObject": {
          "type": "object",
          "properties": {
            "offset": {
              "type": "integer",
              "format": "int64"
            },
            "sort": {
              "$ref": "#/components/schemas/SortObject"
            },
            "pageNumber": {
              "type": "integer",
              "format": "int32"
            },
            "pageSize": {
              "type": "integer",
              "format": "int32"
            },
            "paged": {
              "type": "boolean"
            },
            "unpaged": {
              "type": "boolean"
            }
          }
        },
        "SortObject": {
          "type": "object",
          "properties": {
            "empty": {
              "type": "boolean"
            },
            "sorted": {
              "type": "boolean"
            },
```

```
              "type": "boolean"
            }
          }
        },
        "UserDTO": {
          "type": "object",
          "properties": {
            "id": {
              "type": "integer",
              "format": "int64"
            },
            "firstName": {
              "type": "string"
            },
            "lastName": {
              "type": "string"
            },
            "email": {
              "type": "string"
            },
            "enabled": {
              "type": "boolean"
            },
            "role": {
              "type": "string",
              "enum": [
                "CITIZEN",
                "OFFICER",
                "ADMIN"
              ]
            },
            "avatarUrl": {
              "type": "string"
            },
            "phoneNumber": {
              "type": "string"
            },
            "gender": {
```

```json
          },
          "createdAt": {
            "type": "string",
            "format": "date-time"
          },
          "updatedAt": {
            "type": "string",
            "format": "date-time"
          },
          "address": {
            "$ref": "#/components/schemas/Address"
          },
          "lastLogin": {
            "type": "string",
            "format": "date-time"
          },
          "fullName": {
            "type": "string"
          },
          "roleName": {
            "type": "string"
          }
        }
      },
      "PageReportResponse": {
        "type": "object",
        "properties": {
          "totalElements": {
            "type": "integer",
            "format": "int64"
          },
          "totalPages": {
            "type": "integer",
            "format": "int32"
          },
          "size": {
            "type": "integer",
            "format": "int32"
```

```json
            "content": {
              "type": "array",
              "items": {
                "$ref":
"#/components/schemas/ReportResponse"
              }
            },
            "number": {
              "type": "integer",
              "format": "int32"
            },
            "first": {
              "type": "boolean"
            },
            "last": {
              "type": "boolean"
            },
            "numberOfElements": {
              "type": "integer",
              "format": "int32"
            },
            "sort": {
              "$ref": "#/components/schemas/SortObject"
            },
            "pageable": {
              "$ref":
"#/components/schemas/PageableObject"
            },
            "empty": {
              "type": "boolean"
            }
          }
        },
        "InboxItemDTO": {
          "type": "object",
          "properties": {
            "reportId": {
              "type": "integer",
```

```
            },
            "id": {
              "type": "integer",
              "format": "int64"
            },
            "title": {
              "type": "string"
            },
            "message": {
              "type": "string"
            },
            "status": {
              "type": "string"
            },
            "timestamp": {
              "type": "string",
              "format": "date-time"
            },
            "unread": {
              "type": "boolean"
            },
            "participants": {
              "type": "string"
            }
          }
        },
        "OfficerDashboardResponse": {
          "type": "object",
          "properties": {
            "totalAssignedReports": {
              "type": "integer",
              "format": "int64"
            },
            "pendingReports": {
              "type": "integer",
              "format": "int64"
            },
            "inReviewReports": {
```

```
              "format": "int64"
            },
            "inProgressReports": {
              "type": "integer",
              "format": "int64"
            },
            "resolvedReports": {
              "type": "integer",
              "format": "int64"
            },
            "rejectedReports": {
              "type": "integer",
              "format": "int64"
            },
            "cancelledReports": {
              "type": "integer",
              "format": "int64"
            },
            "recentReports": {
              "type": "array",
              "items": {
                "$ref":
"#/components/schemas/ReportResponse"
              }
            }
          }
        },
        "DashboardResponse": {
          "type": "object",
          "properties": {
            "totalReports": {
              "type": "integer",
              "format": "int64"
            },
            "pendingReports": {
              "type": "integer",
              "format": "int64"
            },
```

```
              "type": "integer",
              "format": "int64"
            },
            "inProgressReports": {
              "type": "integer",
              "format": "int64"
            },
            "resolvedReports": {
              "type": "integer",
              "format": "int64"
            },
            "rejectedReports": {
              "type": "integer",
              "format": "int64"
            },
            "cancelledReports": {
              "type": "integer",
              "format": "int64"
            },
            "recentReports": {
              "type": "array",
              "items": {
                "$ref":
"#/components/schemas/ReportResponse"
              }
            }
          }
        },
        "InboxDTO": {
          "type": "object",
          "properties": {
            "id": {
              "type": "integer",
              "format": "int64"
            },
            "reportId": {
              "type": "integer",
              "format": "int64"
```

```
        "reportTitle": {
          "type": "string"
        },
        "message": {
          "type": "string"
        },
        "createdAt": {
          "type": "string",
          "format": "date-time"
        },
        "read": {
          "type": "boolean"
        }
      }
    },
    "NotificationDTO": {
      "type": "object",
      "properties": {
        "id": {
          "type": "integer",
          "format": "int64"
        },
        "type": {
          "type": "string"
        },
        "title": {
          "type": "string"
        },
        "message": {
          "type": "string"
        },
        "relatedId": {
          "type": "integer",
          "format": "int64"
        },
        "isRead": {
          "type": "boolean"
        },
```

```json
          "type": "string",
          "format": "date-time"
        }
      }
    },
    "PageMessage": {
      "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/Message"
          }
        },
        "number": {
          "type": "integer",
          "format": "int32"
        },
        "first": {
          "type": "boolean"
        },
        "last": {
          "type": "boolean"
        },
        "numberOfElements": {
          "type": "integer",
```

```
        },
        "sort": {
          "$ref": "#/components/schemas/SortObject"
        },
        "pageable": {
          "$ref":
"#/components/schemas/PageableObject"
        },
        "empty": {
          "type": "boolean"
        }
      }
    },
    "AnnouncementResponse": {
      "type": "object",
      "properties": {
        "id": {
          "type": "integer",
          "format": "int64"
        },
        "title": {
          "type": "string"
        },
        "content": {
          "type": "string"
        },
        "createdByName": {
          "type": "string"
        },
        "isUrgent": {
          "type": "boolean"
        },
        "createdAt": {
          "type": "string",
          "format": "date-time"
        },
        "updatedAt": {
          "type": "string",
```

```
        },
        "read": {
          "type": "boolean"
        }
      }
    },
    "UserRepository": {

    },
    "ReportSummaryDTO": {
      "type": "object",
      "properties": {
        "totalReports": {
          "type": "integer",
          "format": "int64"
        },
        "totalOpen": {
          "type": "integer",
          "format": "int64"
        },
        "totalInProgress": {
          "type": "integer",
          "format": "int64"
        },
        "totalResolved30d": {
          "type": "integer",
          "format": "int64"
        },
        "avgResolutionDays30d": {
          "type": "number",
          "format": "double"
        }
      }
    },
    "ResolutionTrendPointDTO": {
      "type": "object",
      "properties": {
        "weekStart": {
```

```
        },
        "avgDays": {
          "type": "number",
          "format": "double"
        }
      }
    },
    "CategoryCountDTO": {
      "type": "object",
      "properties": {
        "category": {
          "type": "string"
        },
        "count": {
          "type": "integer",
          "format": "int64"
        }
      }
    },
    "OfficerWorkloadDTO": {
      "type": "object",
      "properties": {
        "officerId": {
          "type": "integer",
          "format": "int64"
        },
        "officerName": {
          "type": "string"
        },
        "openAssignedCount": {
          "type": "integer",
          "format": "int64"
        }
      }
    },
    "RecentReportDTO": {
      "type": "object",
      "properties": {
```

```json
              "type": "integer",
              "format": "int64"
            },
            "title": {
              "type": "string"
            },
            "category": {
              "type": "string"
            },
            "status": {
              "type": "string"
            },
            "createdAtIso": {
              "type": "string"
            }
          }
        },
        "PerformanceSummary": {
          "type": "object",
          "properties": {
            "avgResolutionDays": {
              "type": "number",
              "format": "double"
            },
            "medianFirstResponseHours": {
              "type": "number",
              "format": "double"
            },
            "resolutionRatePct": {
              "type": "number",
              "format": "double"
            },
            "slaCompliancePct": {
              "type": "number",
              "format": "double"
            }
          }
        },
```

```json
        "type": "object",
        "properties": {
          "id": {
            "type": "integer",
            "format": "int64"
          },
          "firstName": {
            "type": "string"
          },
          "lastName": {
            "type": "string"
          },
          "email": {
            "type": "string"
          }
        }
      },
      "PageAnnouncementAdminDTO": {
        "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/AnnouncementAdminDTO"
            }
```

```
              "number": {
                "type": "integer",
                "format": "int32"
              },
              "first": {
                "type": "boolean"
              },
              "last": {
                "type": "boolean"
              },
              "numberOfElements": {
                "type": "integer",
                "format": "int32"
              },
              "sort": {
                "$ref": "#/components/schemas/SortObject"
              },
              "pageable": {
                "$ref":
"#/components/schemas/PageableObject"
              },
              "empty": {
                "type": "boolean"
              }
          }
        }
      }
    }
  }
}
```