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{
  "openapi": "3.0.1",
  "info": {
    "title": "OpenAPI definition",
    "version": "v0"
  },
  "servers": [
    {
      "url": "http://localhost:8081",
      "description": "Generated server url"
    }
  ],
  "paths": {
    "/api/playlistscollection/playlists": {
      "get": {
        "tags": [
          "web-controller"
        ],
        "summary": "Get all playlists",
        "operationId": "getAllPlaylists",
        "parameters": [
          {
            "name": "name",
            "in": "query",
            "required": false,
            "schema": {
              "pattern": "^[-,a-zA-Z0-9\\s]*",
              "type": "string"
            }
          },
          {
            "name": "Authorization",
            "in": "header",
            "required": false,
            "schema": {
              "type": "string"
            }
          }
        ],
        "responses": {
          "200": {
            "description": "Found playlists",
            "content": {
              "application/json": {
                "schema": {
                  "type": "array",
                  "items": {
                    "$ref": "#/components/schemas/playlist"
                  }
                }
              }
            }
          },
          "400": {
            "description": "Incorrect syntax for query params"
          },
          "422": {
            "description": "Unable to process the contained instructions",
            "content": {
              "application/json": {
                "schema": {
                  "$ref": "#/components/schemas/ExceptionResponse"
                }
              }
            }
          }
        }
      },
      "post": {
        "tags": [
          "web-controller"
        ],
        "summary": "Add new playlist to playlist collection",
        "operationId": "createPlaylist",
        "parameters": [

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        {
            "name": "Authorization",
            "in": "header",
            "required": false,
            "schema": {
                "type": "string"
            }
        }
    ],
    "requestBody": {
        "content": {
            "application/json": {
                "schema": {
                    "$ref": "#/components/schemas/playlists"
                }
            }
        },
        "required": true
    },
    "responses": {
        "201": {
            "description": "Successfully added new playlist resource",
            "content": {
                "application/json": {
                    "schema": {
                        "$ref": "#/components/schemas/playlist"
                    }
                }
            }
        },
        "409": {
            "description": "Conflict: unique name constraint unsatisfied",
            "content": {
                "application/json": {
                    "schema": {
                        "$ref": "#/components/schemas/ExceptionResponse"
                    }
                }
            }
        },
        "422": {
            "description": "Unable to process the contained instructions",
            "content": {
                "application/json": {
                    "schema": {
                        "$ref": "#/components/schemas/ExceptionResponse"
                    }
                }
            }
        }
    }
},
"/api/playlistscollection/playlists/{playlistId}/songs": {
    "patch": {
        "tags": [
            "web-controller"
        ],
        "summary": "Add songs to an existing playlist",
        "operationId": "addSongToPlaylist",
        "parameters": [
            {
                "name": "playlistId",
                "in": "path",
                "required": true,
                "schema": {
                    "type": "string"
                }
            },
            {
                "name": "Authorization",
                "in": "header",
                "required": false,
                "schema": {
                    "type": "string"
                }
            }
        ]
    }
}

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    }
  },
  "requestBody": {
    "content": {
      "application/json": {
        "schema": {
          "$ref": "#/components/schemas/song"
        }
      }
    },
    "required": true
  },
  "responses": {
    "204": {
      "description": "Successfully inserted new song in playlist",
      "content": {
        "application/json": {
          "schema": {
            "$ref": "#/components/schemas/playlist"
          }
        }
      }
    },
    "400": {
      "description": "Incorrect syntax for path variables"
    },
    "404": {
      "description": "Searched playlist not found or given song not existent",
      "content": {
        "application/json": {
          "schema": {
            "$ref": "#/components/schemas/ExceptionResponse"
          }
        }
      }
    },
    "422": {
      "description": "Unable to process the contained instructions",
      "content": {
        "application/json": {
          "schema": {
            "$ref": "#/components/schemas/ExceptionResponse"
          }
        }
      }
    }
  }
},
"/api/playlistscollection/playlists/{id}": {
  "get": {
    "tags": [
      "web-controller"
    ],
    "summary": "Get playlist by id",
    "operationId": "getPlaylistById",
    "parameters": [
      {
        "name": "id",
        "in": "path",
        "required": true,
        "schema": {
          "type": "string"
        }
      },
      {
        "name": "Authorization",
        "in": "header",
        "required": false,
        "schema": {
          "type": "string"
        }
      }
    ]
  }
},

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"responses": {
  "200": {
    "description": "Found searched playlist",
    "content": {
      "application/json": {
        "schema": {
          "$ref": "#/components/schemas/playlist"
        }
      }
    }
  },
  "400": {
    "description": "Invalid syntax for path variables"
  },
  "404": {
    "description": "Searched playlist not found",
    "content": {
      "application/json": {
        "schema": {
          "$ref": "#/components/schemas/ExceptionResponse"
        }
      }
    }
  }
}
},
"/api/playlistscollection/playlists/{playlistId}": {
  "delete": {
    "tags": [
      "web-controller"
    ],
    "summary": "Delete playlist",
    "operationId": "deletePlaylist",
    "parameters": [
      {
        "name": "playlistId",
        "in": "path",
        "required": true,
        "schema": {
          "type": "string"
        }
      },
      {
        "name": "Authorization",
        "in": "header",
        "required": false,
        "schema": {
          "type": "string"
        }
      }
    ],
    "responses": {
      "200": {
        "description": "Successfully deleted playlist",
        "content": {
          "application/json": {
            "schema": {
              "$ref": "#/components/schemas/playlist"
            }
          }
        }
      },
      "400": {
        "description": "Incorrect syntax for path variables"
      },
      "404": {
        "description": "Searched playlist not found",
        "content": {
          "application/json": {
            "schema": {
              "$ref": "#/components/schemas/ExceptionResponse"
            }
          }
        }
      }
    }
  }
}
}

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    }
  }
}
},
"components": {
  "schemas": {
    "playlists": {
      "required": [
        "name"
      ],
      "type": "object",
      "properties": {
        "name": {
          "pattern": "^[-,a-zA-Z0-9\\s]*",
          "type": "string"
        }
      }
    }
  },
  "ExceptionResponse": {
    "type": "object",
    "properties": {
      "error": {
        "type": "string"
      },
      "status": {
        "type": "integer",
        "format": "int32"
      },
      "details": {
        "type": "string"
      }
    }
  },
  "Link": {
    "type": "object",
    "properties": {
      "rel": {
        "type": "string"
      },
      "href": {
        "type": "string"
      },
      "hreflang": {
        "type": "string"
      },
      "media": {
        "type": "string"
      },
      "title": {
        "type": "string"
      },
      "type": {
        "type": "string"
      },
      "deprecation": {
        "type": "string"
      },
      "profile": {
        "type": "string"
      },
      "name": {
        "type": "string"
      }
    }
  },
  "Resource": {
    "type": "object",
    "properties": {
      "resourceId": {
        "type": "integer",
        "format": "int32"
      },
      "name": {
        "type": "string"
      }
    }
  }
}

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    },
    "link": {
      "type": "string"
    }
  },
  "playlist": {
    "type": "object",
    "properties": {
      "id": {
        "type": "string"
      },
      "name": {
        "type": "string"
      },
      "favSongs": {
        "uniqueItems": true,
        "type": "array",
        "items": {
          "$ref": "#/components/schemas/Resource"
        }
      },
      "links": {
        "type": "array",
        "items": {
          "$ref": "#/components/schemas/Link"
        }
      }
    }
  },
  "song": {
    "type": "object",
    "properties": {
      "songId": {
        "type": "integer",
        "format": "int32"
      }
    }
  }
}
}
}
}

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