Todo App API Documentation

API Documentation

This section is integrated with C#.NET RESTful API Implementations. For database use the Sqlite Db

API EndPoints

Base URL: https://localhost:5001/api/todo-task

- GET
 - /get-all Get List of Todos
 - -> 200 OK Successful Request. View Available Todos

Example output:

```
"title": "string",
    "description": "string",
    "id": 0,
    "isCompleted": true,
    "priority": 0
}
```

- -> 204 No Content If not any todo in the database
- -> 400 Bad Request If any unhandled error is thrown



○ /{id} - Get Todo by Id

-> 200 OK - Successful Request. View Available Todos

Example output:

```
{
  "title": "string",
  "description": "string",
  "id": 0,
  "isCompleted": true,
  "priority": 0
}
```

- -> 404 Not Found Todo related to the given Id is not in the database
- -> 400 Bad Request If any unhandled error is thrown *Example output:*

Here 1 means the given id number

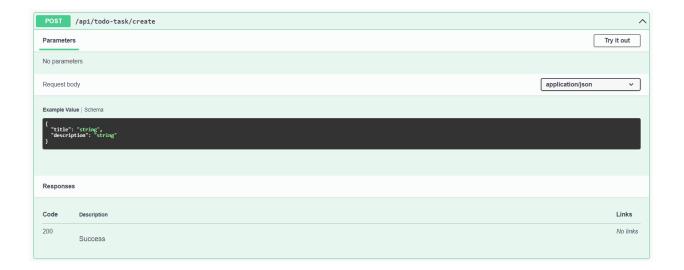
1 task not found



POST

/create - Add new Todo Task

```
Sample Input:
   "title": "string",
   "description": "string"
-> 201 OK - Create new Todo is Success
Sample output
  "description":
-> 400 Bad Request - If any validation or unhandled error thrown
Validations: Title can't be null or only contain spaces
Sample output
    Request can't be null or contain only spaces
    Validations : Request can't be null
     Sample output
  "traceId": "00-4e71e4a3d6ce68bea50bc2be36a35b22-c97c19e1d1101e38-00",
  "errors": {
      "'n' is an invalid start of a property name. Expected a '\"'. Path: \$
        LineNumber: 0 | BytePositionInLine: 1."
    "todoValues": [
      "The todoValues field is required."
```



PUT

/update - update relevant todo task

```
"title": "string",
    "description": "string",
    "id": 0,
    "isCompleted": true,
    "priority": 0

*Here Priorities has been declared as an enum as follows
Default = 0,
Low = 1,
Medium = 2,
High = 3

-> 200 OK - Update Todo is a Success
Sample output

"title": "Test1",
    "description": "Test1"
```

-> 400 Bad Request - If any validation or unhandled error is thrown

Validations : Title can't be null or only contain spaces Sample output

Request can't be null or contain only spaces

Validations : Request can't be null

Sample output "type": "https://tools.ietf.org/html/rfc7231#section-6.5.1", "title": "One or more validation errors occurred.", "status": 400, "traceId": "00-4e71e4a3d6ce68bea50bc2be36a35b22-c97c19e1d1101e38-00", "errors": { "\$": ["'n' is an invalid start of a property name. Expected a '\"'. Path: \$ | LineNumber: 0 | BytePositionInLine: 1."], "todoValues": ["The todoValues field is required."] }

-> 404 Not Found - Todo related to the given Id is not in the database Sample output: Here 0 means the Id of the given TodoUpdateDto

0 task not found

- DELETE
 - /{id} Delete given Todo
 - -> 200 OK Delete Todo is a Success Sample output

 Task Deleted Successfully
 - -> 400 Bad Request If any unhandled error is thrown
 - -> 404 Not Fount Todo related to the given Id is not in the database Sample output: Here 0 means the Id of the given TodoUpdateDto 0 task not found

