# API Documentation

base\_url: https://localhost:44336

## ToDoList Module

### Login

|  |  |
| --- | --- |
| URI | {{base\_url}}/Account |
| Method | POST |
| Headers | * All the automatic headers that are added by postman by default |
| Parameter | * UserModel object |
| Body | * Raw data of JSON object   {       "UserName": "Admin",       "Password": "Admin"  } |
| Response | * Unauthorized * In case of authentication success, UserModel will be returned that contains:   + Id   + UserName   + Password   + Token * In case of exception, bad request will be returned: |

### ToDo List

|  |  |
| --- | --- |
| URI | {{base\_url}}/Data |
| Method | GET |
| Headers | * All the automatic headers that are added by postman by default * Authorization key with value Bearer {{token}} |
| Body |  |
| Response | * Unauthorized if no token is sent in the request header * Success 200 Ok with JSON formatted data when there is data in the database * Success 200 OK with null response when there is no data in the database * In case of exception, bad request will be returned: |

### Save ToDo object data

|  |  |
| --- | --- |
| URI | {{base\_url}}/Data |
| Method | Post |
| Headers | * All the automatic headers that are added by postman by default * Authorization key with value Bearer {{token}} |
| Parameter | * ToDo Object |
| Body | * Raw data of JSON object   {       "Id": 0,       "Title": "title Test request",       "Description" : "Task is not done yet",       "IdDone" : **true**  } |
| Response | * Unauthorized if no token is sent in the request header * Success 200 Ok when data is saved successfully * BadRequest when model sent is invalid * In case of exception, bad request will be returned: |

### Delete ToDo Object

|  |  |
| --- | --- |
| URI | {{base\_url}}/Data/{{Id}} |
| Method | DELETE |
| Headers | * All the automatic headers that are added by postman by default * Authorization key with value Bearer {{token}} |
| Parameter | * ToDo Id |
| Body |  |
| Response | * Unauthorized if no token is sent in the request header * Success 200 Ok when data is deleted successfully * In case of exception, bad request will be returned: |