|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| # | Endpoint | Method | Query Parameters | Request Body | Response Body |
| 🔒 | **/api/todo** | GET | page: number |  | TodoItem[] |
| 🔒 | **/api/todo/get\_after** | GET | afterId: number |  | TodoItem[] |
| 🔒 | **/api/todo** | POST |  | {  text: string  } | TodoItem |
| 🔒 | **/api/todo/**{id:number} | PUT |  | {  text: string,  isDone: boolean | undefined  } | TodoItem |
| 🔒 | **/api/todo/toggle\_done** | PUT |  | {  id: number[]  } | TodoItem[] |
| 🔒 | **/api/todo/**{id:number} | DELETE | restore: boolean |  | TodoItem |
| 🔒 | **/api/todo** | DELETE |  | {  id: number[],  restore: boolean  } | TodoItem[] |
|  | **/api/auth/login** | POST |  | LoginRequest | LoginResponse |
|  | **/api/auth/register** | POST |  | LoginRequest | LoginResponse |
| 🔒 | **/api/profile** | GET |  |  | {  id: number,  login: string,  roles: string[]  } |

\*🔒 – login required

# SignalR: /hubs/todo

|  |  |  |
| --- | --- | --- |
| Method | Input Parameters (when invocation) | Output Values (when receiving a request from SignalR) |
| Add | todoItem: TodoItem, userId: string | TodoItem |
| Delete | todoItemsId: number[], userId: string | number[] |
| ToggleDone | todoItems: TodoItem[], userId: string | TodoItem[] |
| Edit | todoItem: TodoItem, userId: string | TodoItem |

# Types

|  |  |
| --- | --- |
| Type Name | Type Definition |
| TodoItem | {  id: number,  userId: number,  creationTime: string,  text: string,  isDone: boolean,  isDeleted: boolean  } |
| LoginRequest | {  login: string,  password: string  } |
| LoginResponse | {  id: number,  login: string,  accessToken: string  } |