**A\_Small\_Good\_Thing API**

# User

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| **Method** | **End Point** | **Request** | **Response** | **Usage** |
| GET | / | null | status = 200  "Success" |  |
| POST | /signup | { body: {  "user\_name": "test",  "email": "test@gmail.com",  "password": "12345678",  } } | status = 200  {  "id": 3,  "user\_name": "test",  "email": "test2@gmail.com",  "password": "12345678"  }  status = 409  "Already exists user" | 회원가입 성공  회원가입 실패 |
| POST | /login | { body: {  "email": "test@gmail.com",  "password": "12345678",  } }  or  { body: {} } | 토큰 생성  status = 200  {  "user\_id": 1,  "user\_name": "test",  "token": "encoded token"  }  status = 403  "check your email"  status = 401  "check your password" | 로그인 성공  아이디 오류  비밀번호 오류  자동로그인 성공 |
| POST | /logout | { body: {  "user\_id": 1  } } | status = 200  "post logout success" | 로그아웃 성공 |

# List

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| **Method** | **End Point** | **Request** | **Response** | **Usage** |
| GET | /monthly-list?user\_id=1 | { parameter: {  "user\_id": 1  } } | status = 201  { monthly\_list: {  "user\_name": "test",  items: [  { "item\_id": 1,  "item\_name": "에어팟",  "item\_price": 200000,  "memo": null",  "link": "link\_url",  "purchased": false,  "date": "2020-05-18",  "worry": 3,  "user\_id": 1,  "categort\_id": null,  "image\_file": "url",  "createdAt": "2020-05-28T11:56:43.000Z",  "updatedAt": "2020-05-28T11:57:03.000Z" },  { "item\_id": "2",  "item\_name": "당근",  "item\_price": "12000",  "memo": "싫다!",  "link": null,  "purchased": false,  "date": "2020-05-20",  "worry": "0",  "user\_id": 1,  "categort\_id": 2,  "image\_file": null,  "createdAt": "2020-05-28T11:58:04.000Z",  "updatedAt": "2020-05-28T11:58:04.000Z"},  ]  } } | 당월 리스트 보기  아이템이 없으면  items: [] |
| GET | /total\_list?user\_id=1 | { parameter: {  "user\_id": 1  } } | status = 201  { total\_list: {  "user\_name": "test",  items: [  { "item\_id": 1,  "item\_name": "에어팟",  "item\_price": 200000,  "memo": null",  "link": "link\_url",  "purchased": false,  "date": "2020-05-18",  "worry": 3,  "user\_id": 1,  "categort\_id": null,  "image\_file": "url",  "createdAt": "2020-05-25T10:56:43.000Z",  "updatedAt": "2020-05-28T11:57:03.000Z" },  { "item\_id": "2",  "item\_name": "당근",  "item\_price": "12000",  "memo": "싫다!",  "link": null,  "purchased": false,  "date": "2020-05-20",  "worry": "0",  "user\_id": 1,  "categort\_id": 2,  "image\_file": null,  "createdAt": "2020-05-27T11:58:04.000Z",  "updatedAt": "2020-05-28T11:58:04.000Z"},  { "item\_id": "3",  "item\_name": "치킨",  "item\_price": "12000",  "memo": "근데 치킨인데 참아야 할까?",  "link": null,  "purchased": false,  "date": "2020-04-20",  "worry": "0",  "user\_id": 1,  "categort\_id": 2,  "image\_file": null,  "createdAt": "2020-05-28T09:58:04.000Z",  "updatedAt": "2020-05-28T11:58:04.000Z"},  ]  } } | 전체 리스트 보기  아이템이 없으면  items: [] |

# Item

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| **Method** | **End Point** | **Request** | **Response** | **Usage** |
| POST | /item | { body: {  "item\_name" : "test item",  "item\_price" : 500,  "date" : "2020-05-26",  "memo" : null,  "link" : null,  "purchased" : 0,  "worry" : 0,  "user\_id" : 1,  "category\_id" : null,  "image\_file" : null  } } | status = 201  {  "id": 1,  "item\_name": "test item",  "item\_price": 500,  "date": "2020-05-26",  "memo": null,  "link": null,  "purchased": false,  "worry": 0,  "user\_id": 1,  "category\_id": null,  "image\_file": null  } | 아이템 추가 |
| GET | /item?item\_id=1 | { parameter: {  "item\_id": 1  } } | status = 200  {  "id": 1,  "item\_name": "test item",  "item\_price": 500,  "date": "2020-05-26",  "memo": null,  "link": null,  "purchased": false,  "worry": 0,  "user\_id": 1,  "category\_id": null,  "image\_file": null,  "createdAt": "2020-05-28T12:22:01.000Z",  "updatedAt": "2020-05-28T12:23:07.000Z"  }  status = 404  "Cannot find the item" | 아이템 상세보기 |
| PATCH | /item?item\_id=1 | { parameter: {  "item\_id": 1  } }  { body: {  "item\_name": "modify item",  "item\_price": 1000,  "date": "2020-05-28",  "memo": "modify ok?",  "link": null,  "purchased": true,  "worry": 3,  "user\_id": 1,  "category\_id": 2,  "image\_file": "url"  } } | {  "id": 1,  "item\_name": "modify item",  "item\_price": 1000,  "date": "2020-05-28",  "memo": "modify ok?",  "link": null,  "purchased": true,  "worry": 3,  "user\_id": 1,  "category\_id": 2,  "image\_file": "url",  "createdAt": "2020-05-28T12:22:01.000Z",  "updatedAt": "2020-05-29T12:23:07.000Z"  } | 아이템 수정 |
| DELETE | /item?item\_id=1 | { parameter: {  "item\_id": 1  } } | status = 202  "Item has been successfully deleted"  status = 404  "Cannot find the item" | 아이템 삭제 |
| DELETE | /items | { parameter: {  "item\_id": 1  } }  { body: {  "user\_id" : "1",  "image\_file": "url"  } } | status = 202  "Item has been successfully deleted"  status = 404  "Cannot find the item" | 여러 아이템 삭제 |

# Image

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| **Method** | **End Point** | **Request** | **Response** | **Usage** |
| POST | /image?item\_id=1 | { parameter: {  "item\_id": 1  } }  { body: {  "image\_file": "url"  } } | status = 200  {  "item\_id": "22",  "image\_file": "url"  } | form-data로 이미지 파일 전송 |