# API Design document

Prototype of each of response json should be at least three elements:

|  |  |
| --- | --- |
| data | contains intended data |
| success | was the request successful |
| status | http status code |

a resonse should be like:

|  |
| --- |
| “data”: {} /\*mixed data\*/,  “success”:true,  “status”:400 |

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# Members

|  |  |
| --- | --- |
| /Members/signin | post |
| “data”:  {  “id”:”sda6456da4sd56”,  “name”: ”waterball”,  “exp”:900,  “photoLink”: “www.imgur/12345”  } | |
| Sign in with both correct account and password. | |
| account | A member’s account |
| password | A member’s password. |

|  |  |
| --- | --- |
| /Members/signup | post |
| “data”:  {  “id”:”sda6456da4sd56”,  “name”: ”waterball”,  “exp”:900,  “photoLink”: “www.imgur/12345”  } | |
| Sign up a new member. | |
| account | A member’s account |
| password | A member’s password. |
| name | A name designed by member. |
| photoLink | A link contains member‘s photo. |

# Project

|  |  |
| --- | --- |
| /Projects/{projectid} | get |
| “data”:  {  “id”:”asdas465as4d6a5”,  “name”:”TeamPathy”,  “description”:”Teamwork with empathy”  } | |
| get the project info by id. | |

|  |  |
| --- | --- |
| Projects/ | get |
| “data”:  [  {  “id”:”asdas465as4d6a5”,  “name”:”TeamPathy”,  “description”:”Teamwork with empathy”  }  ] | |
| get a project list that the member participates. | |
| user\_id | The user’s id. |

|  |  |
| --- | --- |
| Projects/ | post |
| “data”:  {  “id”:”asdas465as4d6a5”,  “name”:”TeamPathy”,  “description”:”Teamwork with empathy”  } | |
| the member creates a project. | |
| user\_id | The user’s id. |
| name | a project’s name. |
| description | a project’s description. |
| password | a project’s password. (optional) |

|  |  |
| --- | --- |
| /Projects/participate/{projectid} | post |
| “data”:  {  “id”:”asdas465as4d6a5”,  “name”:”TeamPathy”,  “description”:”Teamwork with empathy”  “password”:”asdsa4”  } | |
| the member participates a project owned by other. | |
| user\_id | The user’s id. |
| password | a project password. (optional) |

|  |  |
| --- | --- |
| Users/{userid}/Projects/{projectid}/delete | post |
| “data”:  {  “id”:”asdas465as4d6a5”,  “name”:”TeamPathy”,  “description”:”Teamwork with empathy”  “password”:”asdsa4”  } | |
| the user deletes his project. | |

|  |  |
| --- | --- |
| users/{userid}/projects/{projectid}/update | post |
| “data”:  {  “id”:”asdas465as4d6a5”,  “name”:”TeamPathy”,  “description”:”Teamwork with empathy”  “password”:”asdsa4”  } | |
| the user participates a project owned by other. | |
| name | a project name. |
| description | a project description. |
| password | a project password. (optional) |