# 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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# Users

|  |  |
| --- | --- |
| /Users/signin | post |
| “data”:  {  “id”:23456,  “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. |

|  |  |
| --- | --- |
| /Users/signup | post |
| “data”:  {  “id”:456456,  “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”:45654,  “name”:”TeamPathy”,  “description”:”Teamwork with empathy”  } | |
| get the project info by id. | |

|  |  |
| --- | --- |
| Projects/ | get |
| “data”:  [  {  “id”:456456,  “name”:”TeamPathy”,  “description”:”Teamwork with empathy”  }  ] | |
| get a project list that the member participates. | |
| access\_token | User token. |

|  |  |
| --- | --- |
| Projects/ | post |
| “data”:  {  “id”:456546,  “name”:”TeamPathy”,  “description”:”Teamwork with empathy”  } | |
| the member creates a project. | |
| access\_token | User token. |
| name | a project’s name. |
| description | a project’s description. |
| password | a project’s password. (optional) |

|  |  |
| --- | --- |
| /Projects/participate/{projectid} | post |
| “data”:  {  “id”:456456,  “name”:”TeamPathy”,  “description”:”Teamwork with empathy”  “password”:”asdsa4”  } | |
| the member participates a project owned by other. | |
| access\_token | User token. |
| password | a project password. (optional) |

|  |  |
| --- | --- |
| Projects/{projectid} | delete |
| “data”:  {  “id”:456456,  “name”:”TeamPathy”,  “description”:”Teamwork with empathy”  “password”:”asdsa4”  } | |
| the user deletes his project. | |

|  |  |  |
| --- | --- | --- |
| projects/ | | put |
| “data”:  {  “id”:456456,  “name”:”TeamPathy”,  “description”:”Teamwork with empathy”  “password”:”asdsa4”  } | | |
| the user participates a project owned by other. | | |
| access\_token | User token. | |
| id | the project id | |
| name | | the project name. |
| description | | the project description. |
| password | | the project password. (optional) |

# Issue

|  |  |
| --- | --- |
| /Issues | get |
| “data”:  [  {  “id”:45645645,  “title”:”Hi”,  “type”:”Discussion”,  “content”:”Good morning”,  “postdate”:”2017/5/4”  }  ] | |
| get the issue list within the specific project | |
| access\_token | User token. |
| project\_id | the project id |

|  |  |
| --- | --- |
| /Issues | post |
| “data”:  {  “id”:6655,  “title”:”Hi”,  “type”:”Discussion”,  “content”:”Good morning”,  “postdate”:”2017/5/4”  } | |
| create an issue. | |
| access\_token | User token. |
| project\_id | the project id |
| title | the issue title |
| type | the issue type |
| content | the issue content |
| postDate | the issue post date |

|  |  |
| --- | --- |
| /Issues/{issue\_id} | put |
| “data”:  {  “id”:5656,  “title”:”Hi”,  “type”:”Discussion”,  “content”:”Good morning”,  “postdate”:”2017/5/4”  } | |
| edit an issue. | |
| access\_token | User token. |
| title | the issue title |
| type | the issue type |
| content | the issue content |
| postDate | the issue post date |
| lastEditorName | the last editor’s name of the issue |

|  |  |
| --- | --- |
| /Issues/{issue\_id} | delete |
| “data”:  {  “id”:6545645,  “title”:”Hi”,  “type”:”Discussion”,  “content”:”Good morning”,  “postdate”:”2017/5/4”  } | |
| delete an issue. | |
| access\_token | User token. |

# Timeline

|  |  |
| --- | --- |
| /Timelines | get |
| “data”:  [  {  “id”:24567,  “content”:”Good morning”,  “postdate”:”2017/5/4”  }  ] | |
| get the timeline list within the specific project | |
| access\_token | User token. |
| project\_id | the project id |

|  |  |
| --- | --- |
| /Timelines | post |
| “data”:  {  “id”:24567,  “content”:”Good morning”,  “postdate”:”2017/5/4”  } | |
| create a timeline | |
| access\_token | User token. |
| project\_id | the project id |
| content | the timeline content |
| postDate | the timeline post date |

|  |  |
| --- | --- |
| /Timelines/{timeline\_id} | put |
| “data”:  {  “id”:24567,  “content”:”Good morning”,  “postdate”:”2017/5/4”  } | |
| edit the timeline | |
| access\_token | User token. |
| content | the timeline content |
| postDate | the timeline post date |

|  |  |
| --- | --- |
| /Timelines/{timeline\_id} | delete |
| “data”:  {  “id”:24567,  “content”:”Good morning”,  “postdate”:”2017/5/4”  } | |
| delete the timeline | |
| access\_token | User token. |