## User

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| Endpoint | Description | Requires Authentication | Method |
| api/v1/users | Method returns current users in json format | Yes | GET |
| api/v1/users | Create a new user. Requires a username and password formatted as json | No | POST |
| api/v1/users/<int:id> | Returns a user’s information in json format. | Yes | GET |
| api/v1/users/<int:id> | Updates a user’s information. Accepts a json object with the following possible keys: **email**, **picture** | Yes(User can only edit their account) | PUT |
| api/v1/users/<int:id> | Deletes a user | Yes(User can only delete their account) | DELETE |

## Request

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| Endpoint | Description | Requires Authentication | Method |
| api/v1/requests | Method returns open requests not created by the current user in json format. | Yes | GET |
| api/v1/requests | Create a new request, requests are considered open when first created. And can only have proposals created on them once by others. . Accepts a json object with the following possible keys: **meal\_time**, **meal\_type**, **longitude**, **latitude**, **location\_string** | Yes | POST |
| api/v1/requests/<int:id> | Returns a particular request’s information in json format | Yes | GET |
| api/v1/requests/<int:id> | Updates a Requests’s information. Accepts a json object with the following possible keys: **filled**, **location\_string**, **meal\_type**, **meal\_time**, **longitude**, **latitude.ma** | Yes(User can only edit their own Requests) | PUT |
| api/v1/requests/<int:id> | Deletes a Request | Yes(User can only delete their own Requests) | DELETE |

## Proposals

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| Endpoint | Description | Requires Authentication | Method |
| api/v1/proposals | Returns open Proposals that are either created by the current user or is a proposal for one of the current user’s Requests. Output is formatted as json. | Yes(Must either be either the User Proposed To or User Proposed From) | GET |
| api/v1/proposals | Create a new Proposal. Only requires a json object with the key **request\_id** specifying the Request the proposal is associated with. | Yes(A User cannot make a Proposal on their own Request) | POST |
| api/v1/proposals/<int:id> | Returns a particular Proposal’s information in json format. | Yes(Must either be either the User Proposed To or User Proposed From) | GET |
| api/v1/proposals/<int:id> | Updates a Proposals’s information. Accepts a json object with the following possible keys: **filled**, **location\_string**, **meal\_type**, **meal\_time**, **longitude**, **latitude.**  It should be noted that setting a proposal’s filled value to 1, will automatically set it’s Request’s **filled** value to 1 as well as create a MealDate, by sending a POST request to the endpoint “api/v1/dates” | Yes(User can only edit their own Proposals) | PUT |
| api/v1/proposals/<int:id> | Deletes a Proposal | Yes(User can only delete their own Proposals) | DELETE |

## Meal Dates

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| Endpoint | Description | Requires Authentication | Method |
| api/v1/dates | Returns Meal Dates that involve the current User Output is formatted as a json array. | Yes(Must either be either the User Proposed To or User Proposed From) | GET |
| api/v1/dates | Create a new Meal Date. Requires a json object with the keys **user\_1**, **user\_2**, **restaurant\_name**, **restaurant\_address**, **restaurant\_picture**, **meal\_time**. | Yes(A User cannot make a Proposal on their own Request)  This endpoint is called automatically by setting a Proposal’s filled value to 1 | POST |
| api/v1/dates/<int:id> | Returns a particular Meal Date’s information in json format. | Yes(Must either be either the User Proposed To or User Proposed From) | GET |
| api/v1/dates/<int:id> | Updates a Meal Date’s information. Accepts a json object with the following possible keys: **restaurant\_name**, **restaurant\_address**, **restaurant\_picture**, **meal\_time** | Yes(Must be one of the Meal Date Users) | PUT |
| api/v1/dates/<int:id> | Deletes a Proposal | Yes(Must be one of the Meal Date Users) | DELETE |