API

1. api/user/profile
   1. **GET**
      1. Get user’s profile details and settings
   2. **PATCH**
      1. Update user fields in profile
      2. **GETS**:
         1. Array of fields to update
      3. **Return**:
         1. **200** – success
         2. **400** – failed with error message
         3. **500** – db error
   3. **DELETE**
      1. Delete user from DB
      2. **Return**:
         1. **200** – success, should delete user from local db (application) and logout the user.
2. api/user/recipes
   1. **GET**
      1. **OPTION 1**: WITH parameter RECIPE\_ID (/api/user/recipes/:recipe\_id)
         * 1. **Parameters:**

MINIMAL RECIPE (DEFAULT **TRUE**) – need to check if any way to select specific columns

* + 1. **OPTION 2**: WITHOUT, all recipes
  1. **POST**
     1. **OPTION 1**: WITH parameter RECIPE\_ID (example: /api/user/recipes/:recipe\_id )
     2. **OPTION 2**: NEW RECIPE, without RECIPE \_ID (check if recipe fields are exists)
  2. **DELETE**
     1. Remove recipe
  3. **UPDATE**
     1. Change recipes details
  4. api/user/recipes/**favorite**
     1. **GET**
        1. Get user’s all favorite
  5. api/user/recipes/search
     1. GET
        1. Parameters:
           1. query (string)
           2. favorites (bool)
        2. Return:
           1. Json – array of **recipes** (with order)
  6. api/user/recipes/rate/:recipe\_id
     1. UPDATE
        1. Parameters:
           1. rate [1,5]

1. api/community/search/
   1. GET
      1. Search for recipe in the community and External api
      2. Parameters:
         1. query (string)

DB collections: (rl – relation)

1. **users**
2. Email (string)
3. Password (string)
4. Age (int)
5. Name (varchar 50)
6. Token []
7. **recipe**
   1. Title (varchar 50)
   2. Description (varchar 255)
   3. Total-time (int – seconds)
   4. Rate (?)
   5. edate (int) (last update time, seconds since 1/1/1970)
   6. adate (int) (seconds since 1/1/1970)
   7. status (1/0 – active/unactive)
8. **rl\_users\_recipes**
   1. user\_id
   2. recipe\_id
   3. favorite (bool)
   4. last\_seen (int)
9. **rl\_recipes\_rate**
   1. recipe\_id
   2. user\_id
   3. rate (int)
10. **tags**
    1. Title (varchar 50)
11. **rl\_recipes\_tags**
    1. tag\_id
    2. recipe\_id
12. **ingredient**
    1. title (varchar 50)
    2. description (string)
    3. amount (int)
    4. unit (enum)
13. **rl\_recipe\_ingredients**
    1. Ingredient\_id
    2. recipe\_id
    3. priority (int)
14. **step**
    1. description (varchar 255)
    2. special\_notes (string)
    3. time (int) – seconds
15. **rl\_recipe\_instructions**
    1. recipe\_id
    2. step\_id
    3. priority (int)