# URL Routing

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| **HTTP Verb** | **Path** | **Controller#Action** | **Used for** |
| **GET** | / | Index#index | Home page to register or sign-in |
| **POST** | /sign-in | Sign-in#sign-in | Signs in the user |
| **POST** | /register | register#register | Registers the user |
| **GET** | /:id | index#user | Shows the user profile page |
| **GET** | /photo/new | photo#new | Page for uploading a new photo |
| **POST** | /photo/create | photo#create | Create a new photo |
| **GET** | /photo/edit/:id | photo#edit | Page for editing a photo |
| **PATCH/PUT** | /photo/edit/:id | photo#update | Update a photo |
| **DELETE** | /photo/delete/:id | photo#destroy | Delete a photo |
| **GET** | /dashboard | dashboard#index | Shows the dashboard with a newsfeed of photos |
| **GET** | /dashboard/:id | dashboard#show | Display a specific photo |
| **GET** | /dashboard/search/:username | dashboard#search | Get a list of usernames that match search |

# Database Schema

User

* Required
  + Integer: user\_id
  + Email: email
  + String: fullname
  + String: username
  + String: password
* Additional
  + Integer: calories
  + Integer: carbohydrates\_percent
  + Integer: proteins\_percent
  + Integer: pats\_Percent
  + Integer: carbohydrates
  + Integer: proteins
  + Integer: fats
  + user\_id[]: following
  + photo\_id[]: photos

Photo

* Required
  + Integer: photo\_id
  + String: image
  + Boolean: isFood -> should include Calories, Carbohydrates, Proteins, Fats if true
  + Boolean: isFlagged
  + Text: caption
  + userId: poster
* Optional
  + Integer: calories
  + Integer: carbohydrates
  + Integer: proteins
  + Integer: fats

Likes

* Required
  + Integer: like\_id
  + photo\_id: photo\_liked
  + user\_id: liker

Comments

* Required
  + Integer: comment\_id
  + user\_id: commenter
  + photo\_id: photo\_commented
  + Text: comment

How to store the image → store a string

convert image to bitmap → store bitmap as string in database