Project Milestone 4: Group 101-7

Revised List of Features *(note: priority level based on order of list)*

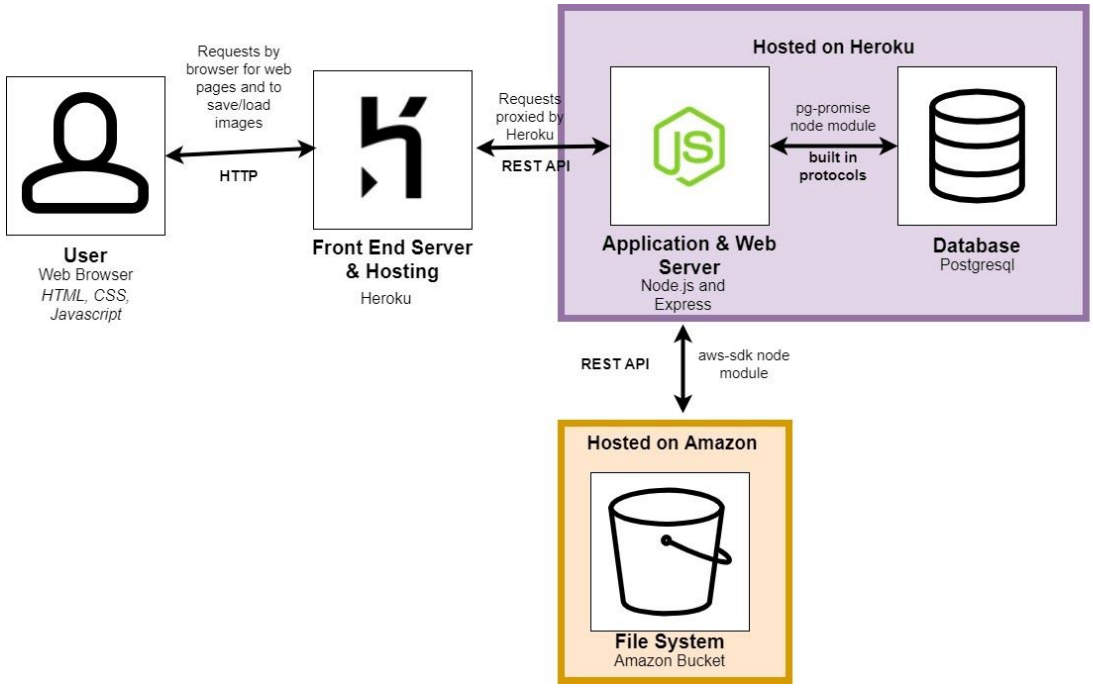
Features added:

1. Improved Cloud Gallery
    a. Using feedback from our demo, we plan to implement Amazon's S3 bucket to store our images rather than having them on a web server.
    b. This change will make saving more efficient.
2. Filters
    a. We are planning to implement more filters, using fabric.js which will add more to our current collection.
        i. *Basic Filters added:* Invert, Saturate
        ii. *Advance Filters:* Animations?
3. Gallery Features
    a. Users are able to hover over images and see what filters have been applied.
    b. Images will be enlarged when the user hovers over the image.

Features dropped:

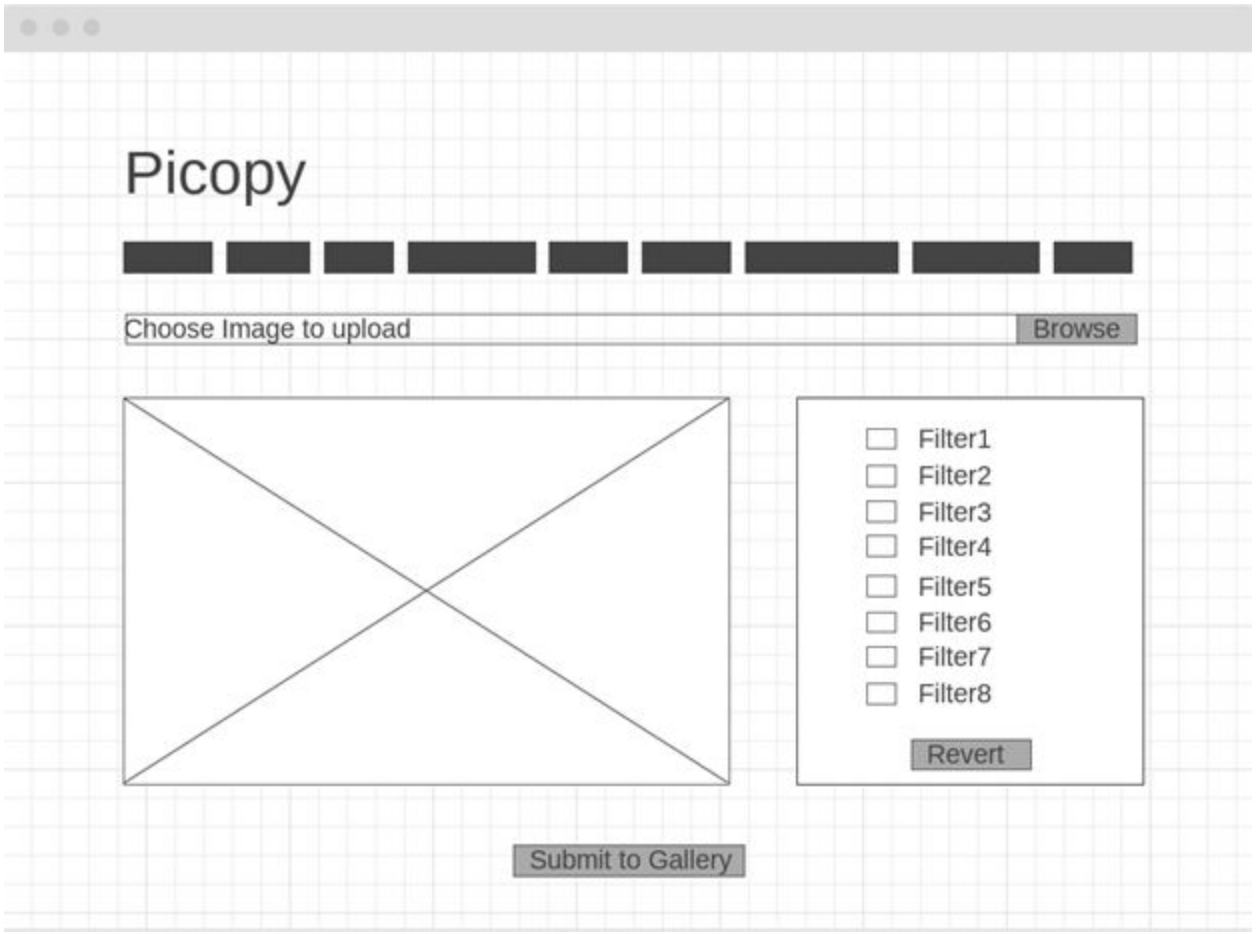
1. Saving the current editing section

Architecture Diagram:

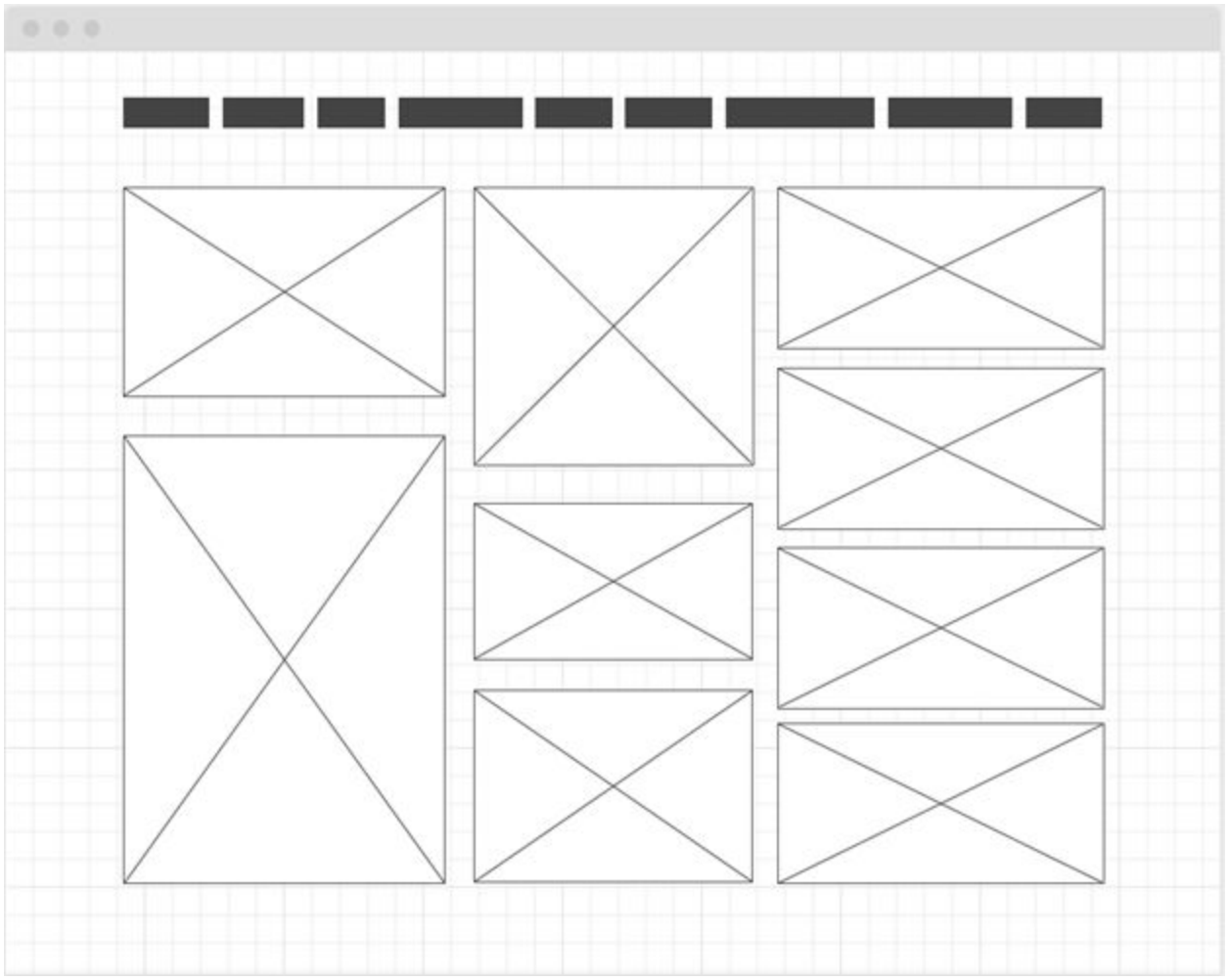


Front End Design

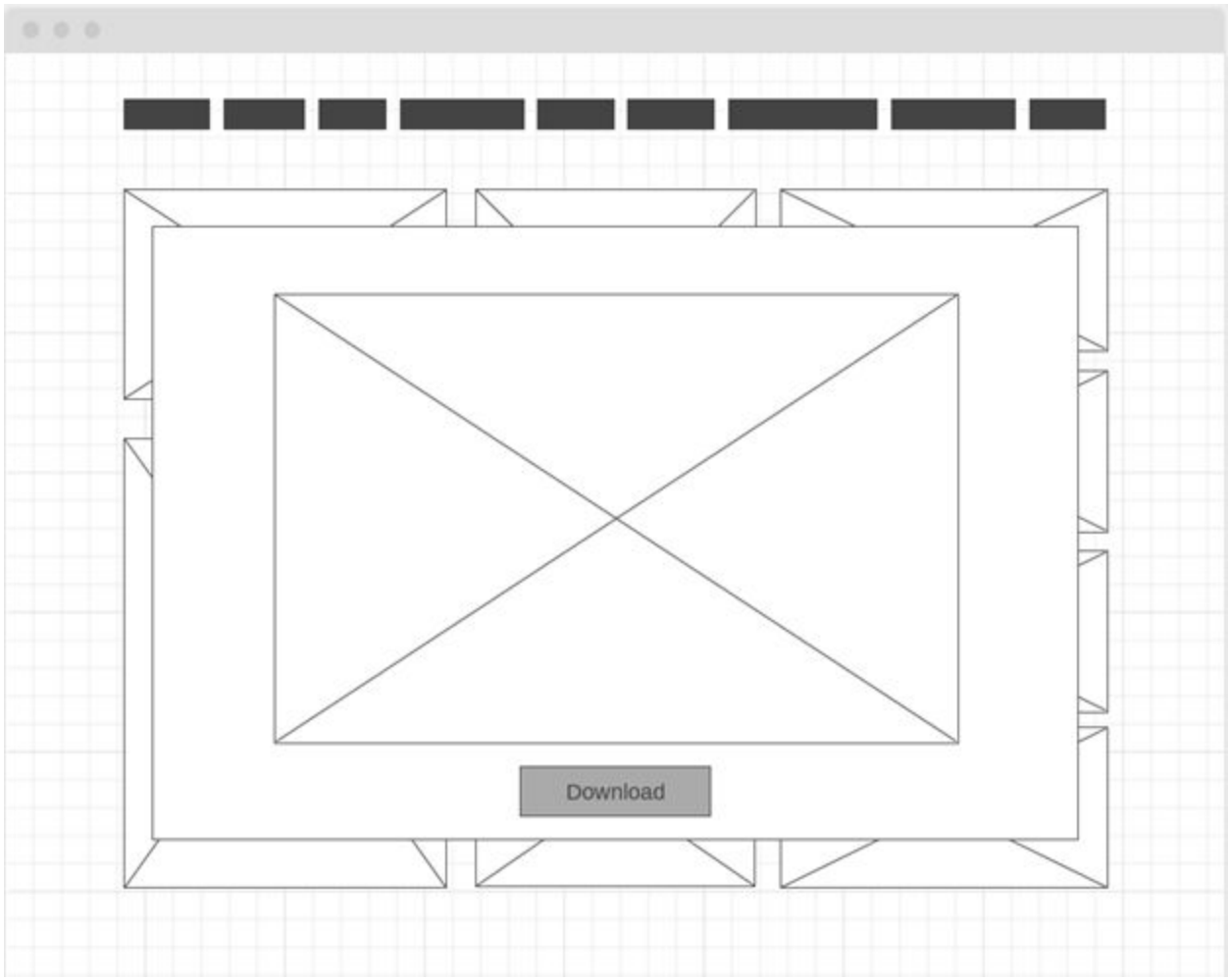
Home/Upload Screen



Gallery Page:



Gallery Page Image Selected:

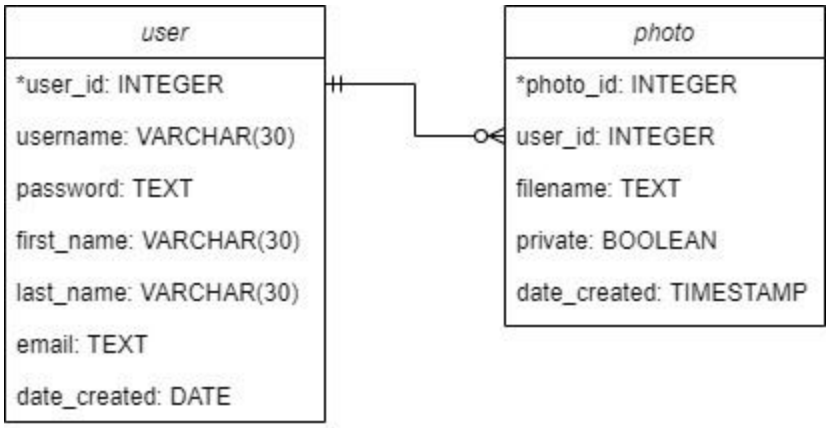


Web Services

Amazon S3

- Picopy uses Amazon S3 to store it's images
- Utilizes the REST api through Amazon's custom aws-sdk node module
- Data Passed: Images to be stored by the users
- Data Received: Images loaded for the gallery page.

Database Design



Database Tech: PostgreSQL