Tip: create a better flowchart for free at www.gliffy.com

**Is the group marked as processing?**

No

**Add to DB as processing, launch a scraping task**

**Is the group already in the DB?**

**Log in**

**Choose to view a group**

**List of Groups (Home page)**

**Log in**

**(orange = page)**

**(blue = data flow)**

**Show the processed data from the DB**

**(include scrape start date/time)**

**(button to request new scrape. This will just be for testing, and later, we will periodically scrape all groups)**

Yes

No

Yes

**Show old data (may be empty) while refreshing periodically. Notify this behavior.**

**(include scrape request start/time)**

# Database table: “Groups”

* [Will include all fields in the group object returned by GroupMe API, including but not limited to the following]
  + id
  + name
  + members
  + image\_url
  + description
* Add the following fields to the object:
  + access\_token (this will be the token of the user that first requests the group. TODO: this will eventually expire/user won’t be in group anymore)
  + is\_processing
  + last\_updated