

- a) Sai Vegasena
- b) Filtering Content Items: Users filter the Content Items visible to them.
A user chooses the date or group option and items on their feed and will make them appear in a different order. PriCoSha still ensures privacy of non viewable Content items.
- c) Users may want to prioritize and customize their feed.
- d) No additional Tables or columns were added to the DB schema
- e)

Filters by date

Filters by FriendGroup

```
('SELECT * FROM ContentItem WHERE item_id IN '
  '(SELECT item_id FROM Share INNER JOIN Belong ON '
  'Belong.fg_name=Share.fg_name AND '
  'Belong.owner_email=Share.owner_email AND Belong.email=%s) '
  'OR is_pub AND post_time={%s})')
```

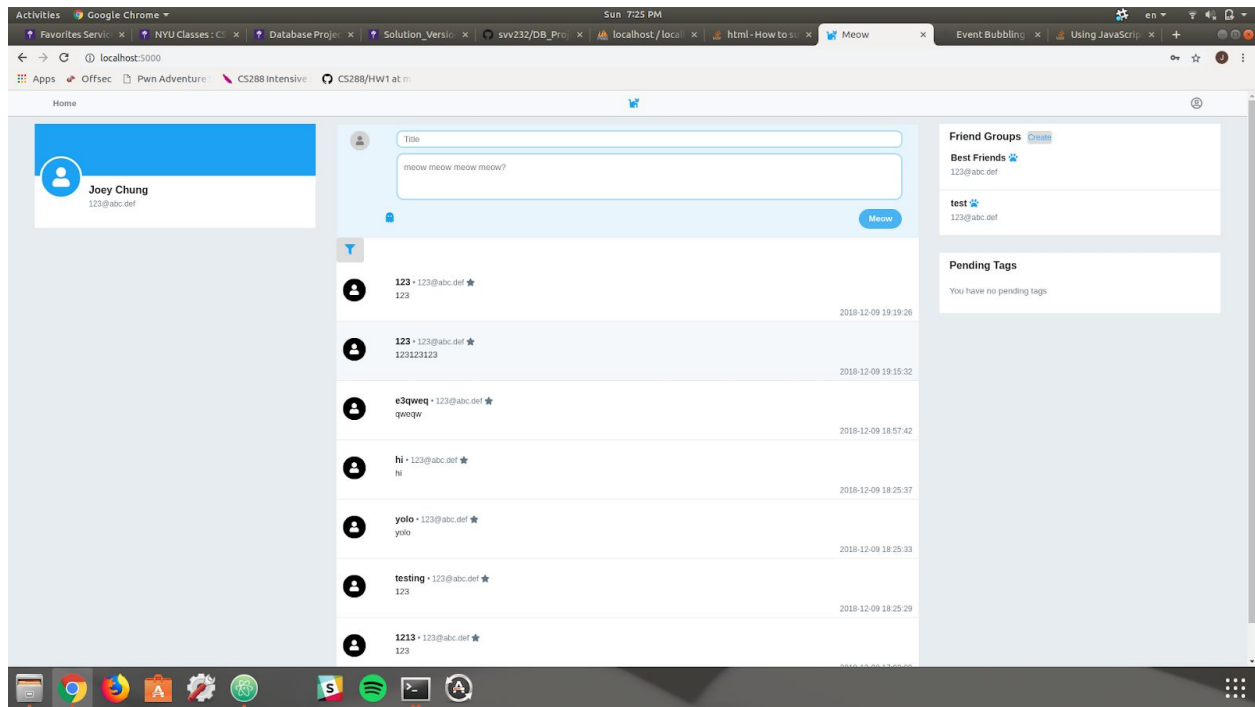
Filters by group

```
('SELECT * FROM ContentItem WHERE item_id IN '
  '(SELECT item_id FROM Share INNER JOIN Belong ON '
  'Belong.fg_name=Share.fg_name AND '
  'Belong.owner_email=Share.owner_email AND Belong.email=%s '
  'AND fg_name={%s}))')
```

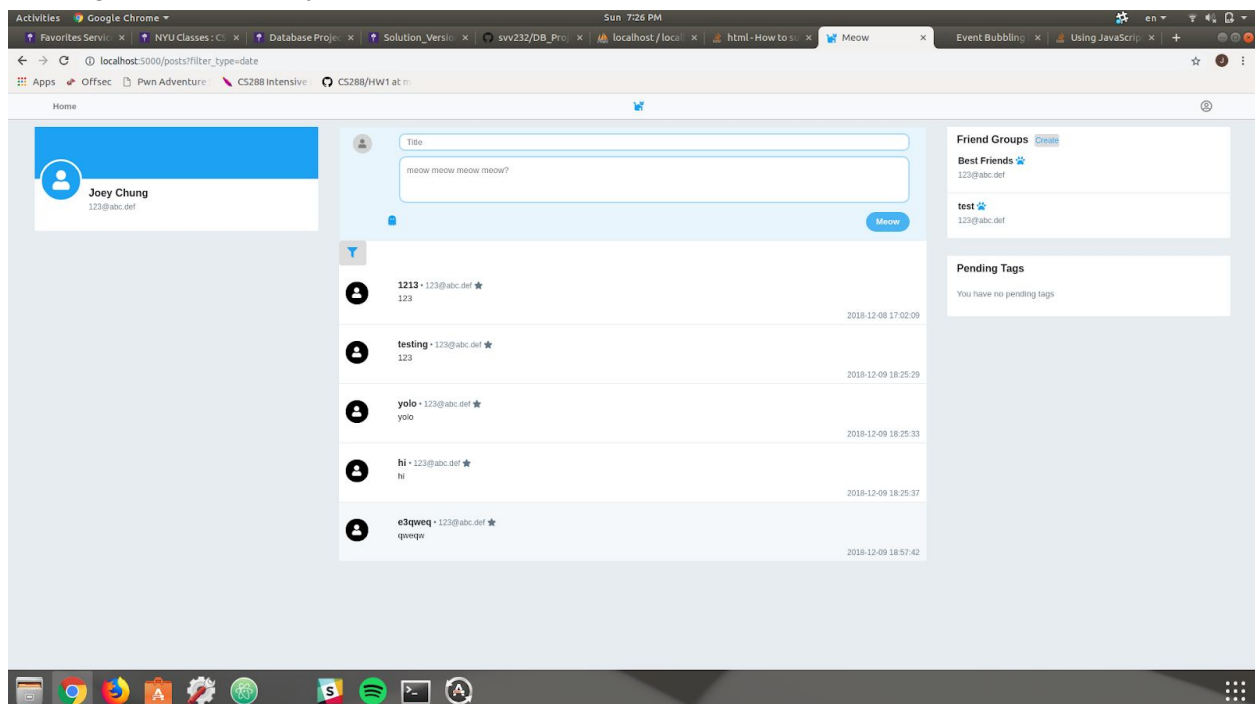
f) lines 298 to 323 in db.py'

g)

Regular Post



Filtering Public Posts By Time Stamp



Filtering By FriendGroup

