Gravatar

A very easy way to add user profile pictures is by using [Gravatar](https://gravatar.com/).

Inside the **boards/templatetags** folder, create a new file named **gravatar.py**:

**boards/templatetags/gravatar.py**

import hashlib

from urllib.parse import urlencode

from django import template

from django.conf import settings

register = template.Library()

@register.filter

def gravatar(user):

email = user.email.lower().encode('utf-8')

default = 'mm'

size = 256

url = 'https://www.gravatar.com/avatar/{md5}?{params}'.format(

md5=hashlib.md5(email).hexdigest(),

params=urlencode({'d': default, 's': str(size)})

)

return url

Basically I’m using the [code snippet they provide](https://fi.gravatar.com/site/implement/images/python/). I just adapted it to work with Python 3.

Great, now we can load it in our template, just like we did with the Humanize template filter:

<img src="**{{** post.created\_by**|gravatar** class="w-100 rounded">