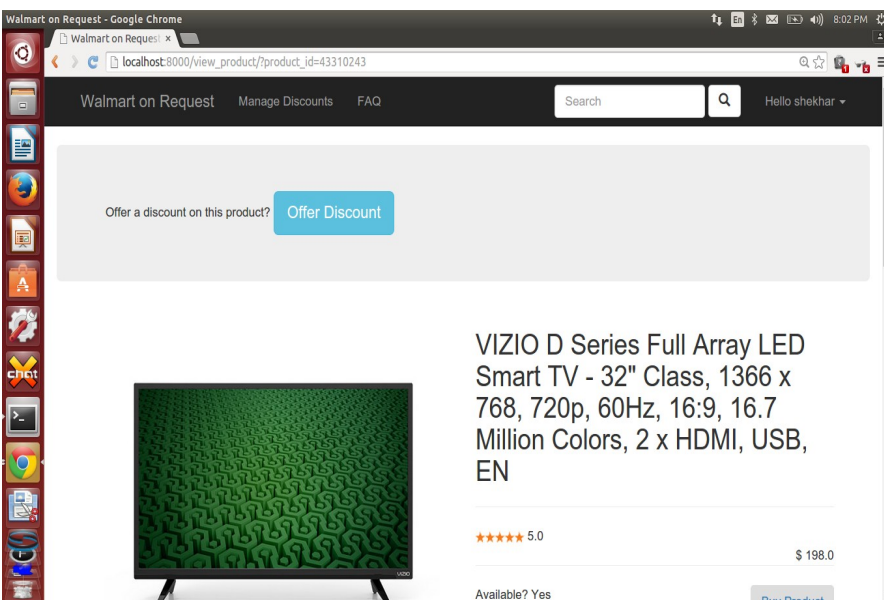


Walmart on Request



Created by:
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The elevator pitch

There are a hundred different sites out there offering people discounts and daily deals but not a single one of them let's users choose the product **they** want to get a discount on.

Presenting to you, Walmart on Request which is a platform where users can add products to their 'wishlist' meaning they want a discount on **that** product.

The users will be notified by email whenever Walmart lists one of their waitlisted products on sale (rollback/clearance/value deal etc).

Walmart can look at the top trending products (these are the ones with the most users waiting for a discount) and decide whether they would like to offer a deal or not. Walmart can choose to provide Groupon style 'group deals' which will only be valid if X% of the users waiting for the product actually end up buying it.

Features

Walmart on Request - Google Chrome

Walmart on Request x

localhost:8000

Walmart on Request Login Register FAQ

Search

Discounted Items

VIZIO D Series Full Array LED Smart TV - 32" Class, 1366 x 768, 720p, 60Hz, 16:9, 16.7 Million Colors, 2 x HDMI, USB, EN ★★★★★

Braun Series 7 - 790cc Shaver System - Special Value Pack ★★★★★

JVC EM32TS 32" 720p 60Hz Class LED HDTV, Refurbished ★★★★★


Trending Items

Braun Series 7 - 790cc Shaver System - Special Value Pack ★★★★★


Stanley Cantilever Metal Toolbox with a 30-piece Socket Set ★★★★★

VIZIO D Series Full Array LED Smart TV - 32" Class, 1366 x 768, 720p, 60Hz, 16:9, 16.7 Million Colors, 2 x HDMI, USB, EN ★★★★★


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JVC EM32TS 32" 720p 60Hz Class LED HDTV, R



Sceptre X405BV-FHDR 40.0-inch Ultra Slim LED

localhost:8000/#carousel-example-generic

- Users can login/register on the website.
- They see the listed products, discounts and trending items on the front page.
- Clicking on a product takes users to that product's page where you can see information such as its price, ratings, description, image, reviews etc.
- Here users get the option to buy a product or add it to their wishlist.
- The wishlist option registers users for all discounts/offers which walmart will give on that particular product. Basically, users get an email whenever their wanted product's on sale.

- Admins on the other hand, get an option to offer a discount on the product description page.
- They can decide whether to offer a discount or not based on criteria's such as the number of users awaiting the discount, cost, product availability etc.
- These discounts will have a start date and end date.
- When users buy a product during a discount, two options are possible:
 - The customer requirements of that discount are fulfilled and the user can directly buy the discount
 - The customer requirements aren't fulfilled and the user's purchase is put in the waiting area. Once the discount's requirements are met (i.e. discount is successful) or the discount ends without getting sufficient traction, user's purchase is given /money is refunded.

Future possibilities

- Admins can create multi-product discounts
- Users can suggest new products to Wal-Mart (hoping they can get discounts).
- On-demand discount can be explored in a lot of areas currently untouched by discounting (adventure travel for example).

Installation procedure

- Download and unpack the tar file.
- Create a virtual environment: ``virtualenv env``
- Run the following command: ``pip install django==1.7``
- Run : ``pip install django-social-share django-registration-redux django_cron``
- In ``mycnf.cnf`` file edit the username and password to your mysql database username and password.
- Run the database migrations : ``python manage.py migrate`` (you may have to run ``python manage.py makemigrations`` once before that)
- Confirm once that the application runs by running ``python manage.py runserver``

- Now, get the data by running the command ``python get_products.py``
(Currently, I have hard coded a limit of 20 products in the file, remove that line from `get_products` to download all the products related to the keyword electronics and their reviews)

At this stage, you will have reviews and products inside your database.

- Create a superuser : ``python manage.py createsuperuser``
- Type ``crontab -e`` , add the following line there and save
`*/30 * * * * python <path_to_walmart_price_alert>/manage.py
runcrons`

And that's it! Register and check out the various features. Superuser can add discounts etc. If you wish to assign a new manager (non-superuser who can manage discounts), use the admin interface for that (localhost:8000/admin)

Final words

This application was made as a part of the @WalmartLabs hackathon. The IP rights of the product belong to @WalmartLabs.

This is my first Django project and there might be mistakes in the code/installation procedure. Please let me know if you need any further assistance.

Thank you.

Regards,

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