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1 About Lemoney

We are a cashback platform in which members get cash rewards on theirs and their friends' purchases

1.1 What is cashback and how does it work?

Lemoney earn affiliate commissions for driving qualified traffic to the advertiser web site. We list many special offers on a daily basis. If the customer clicks on an offer and completes a purchase , the advertiser pay us a commission which we in turn split and give a percentage back to the user (hence the term **cashback**)

2 The test

You need to build a small web application that displays offers to users. For example, Walmart, which is one of our advertisers has many active offers (10% discount on clothes, 20% discount on car parts, etc). Your application should be divided in two major components

2.1 The Admin Interface

As part of the Lemoney staff, an administrator should be able to create *offers* so that members can choose the best ones and earn cashback when they shop through Lemoney
An offer can be created using a web form

New Offer

Advertiser Name

URL

Description

Starts at

Ends at

☐ Premium

Submit

Offers

id	name	url	status	actions
1	walmart	http://www.walmar	enabled	[edit] [disable] [destroy]
2	macys	http://www.macys.c	disabled	[edit] [enable] [destroy]

field	required	validation
advertiser_name	true	must be unique
url	true	must have a valid URI format
description	true	can't exceed 500 chars
starts_at	true	
ends_at	false	
premium	false	

An offer has two possible states, *enabled* and *disabled* with the following rules:

1. when created, state = disabled

2. when current time $\geq$ starts_at, state = enabled

3. when current time $\leq$ ends_at, state = disabled

2

4. when ends_at is blank it is never disabled

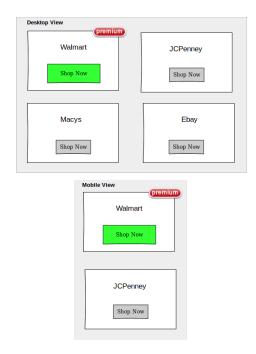5. when the admin clicks on 'disable' it should become disabled regardless of time

After creating an offer you should present a table with all offers you just created previously. You should implement three actions: *edit*, *enable/disable*, *destroy*. The action names are self-explanatory

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important: You don't need to build an authentication module to manage admin users and sessions

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tip: In this part of the test our goal is to evaluate your backend skills. Don't waste too much time with the view. We won't be looking to view aspects here. Use as much as possible from the web framework. Show us how familiar you are with the built-in features the framework provides you for free

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2.2 The User Interface

As a Lemoney member, users should be able to click on an offer so they are redirected to the advertiser website, complete the purchase and earn cashback. Today we have 50% of our traffic coming from mobile devices and the other 50% coming from desktops, so dealing with responsive views is very important for us

Desktop View

premium

Walmart

Shop Now

JCPenney

Shop Now

Macys

Shop Now

Ebay

Shop Now

Mobile View

premium

Walmart

Shop Now

JCPenney

Shop Now

You should only list active offers (state=enabled). Premium offers should appear on top.

> **tip**: In this part of the test we'll be looking more for your frontend skills. We want to see a well-crafted HTML + CSS structure. How nice can you translate a DB model into a reusable visual component?

3   Testing your code

At Lemoney we care about tests. Although this is not a requirement for this test, it is definetly a BIG PLUS if you show us how you test your code. Use the test framework of your choice

4   Evaluating your perfomance

Even more important than your technical skills, is your ability to work with a team. We seek candidates who know how to work in a collaborative way and who have the humility to constantly learn from other team members.
We have prepared a test that we believe resembles a lot what you will encounter in your day-to-day life at Lemoney. Having said that, you are the

only person allowed to do this test. Do not forward, share or redistribute this test online. Also, don't ask for someone else to do it for you.
You test will be evaluated considering the following points:

1. Ability to develop a clean, intelligent and organized code.

2. Show fluency in the built-in functionalities of the language and framework, using the main technologies of our stack

3. Time needed to build the application

Some other points that will count positively in your evaluation, if you are able to spend a little more time doing the test:

1. Ability to test your code

2. Deploy your running app on Heroku, Amazon AWS or any other platform

3. Build any additional functionality that may impress us. I.e. Authenticaton module for the admin interface, a javascript animation showing the countdown timer for the offer to expire, etc. You are free to choose

When you finish the test, send an email to **rh@lemoney.com** containing a link to your code/respository. Please we ask kindly to host your code in Github, Bitbucket or Gitlab where we can easily navigate through your code