**Premiere Digital Services**

Software developer test

January 20, 2012

**Objective**: to pull information from Vimeo users and provide a basic front-end to search various attributes of those users.

1. The site [www.vimeo.com](http://www.vimeo.com) has approximately 15.8M users. You will write a script that crawls Vimeo to store the following information on 5,000 of these users in MySQL.

* Name
* URL of their vimeo user page
* Whether they are a paying user (yes/no)
* Whether they have one or more videos that are a “Vimeo Staff Pick” (yes/no)
* Whether they have one or more videos they have uploaded to Vimeo (yes/no)

Here are two examples to illustrate:

**Name:** Cristóbal Vila

**URL:** <http://vimeo.com/eterea>

**Paying:** Yes (hint: see the blue “PLUS” badge that is located next to their name)

**Staff Pick:** Yes (hint: <http://vimeo.com/57125220>)

**Video:** Yes

**Name:** Luis García-Ochoa

**URL:** http://vimeo.com/luisg8a

**Paying:** No

**Staff Pick:** No

**Video:** Yes

2. Create a one-page basic front-end using django to allow:

* Search for a Vimeo user (within the 5,000 users in your database).
* Show the number of search results
* You do not need to paginate. You can limit the search to 100 results (though the search number should still show total, even if greater than 100.)
* Able to filter the search results by the following three items:

1. Whether they are a paying user.
2. Whether they have a Vimeo Staff Pick.
3. Whether they have a video upload.

Please see the image on the next page as a reference.   
  
All searches and filters must be done through AJAX. There should never be a full page re-load after the user types in the url.

For your final deliverable, please send us a link to the website, and we will test it.

The above instructions and attached image give you all the information you need, and we will not be answering any questions related to this assignment. Good luck!

