



Jean Farrugia <jeanfrg@gmail.com>

Practical Interview - General coding test

2 messages

Ian Dimech <Ian.Dimech@betssongroup.com>
To: "jeanfrg@gmail.com" <jeanfrg@gmail.com>

30 January 2015 at 16:19

Hi,

We were forwarded your application from Archer Recruitment for the role of Frontend .Net Developer.

As part of our interview process I am forwarding you 3 small coding assignments we would like you to work on. The deadline for them is end of day Wednesday 4th February. Please let me know if you have any questions or if you have any issues with the date.

Please confirm receipt of this email.

Menu assignment

Link to assignment: <http://jsfiddle.net/w5Lcvuup/>

- Build the menu to look like it does in the attached image.
- The submenus are displayed when the user hovers the parent menu item.
- There should be some sort of delay before the submenu is shown.
- There should also be a delay when the user leaves the submenu before it disappears in case the user's mouse pointer leaves the menu by mistake.
- Extra points for transitional effects.

Carousel Assignment

Make a promotion carousel that have a 3d transition effect like the one seen in the attached screens (Carousel.zip).

The carousel should have 3 faces and should use the attached promotions.

General Assignment

File: Rename GeneralTest.renametozip to GeneralTest.zip

Please look at the solution within this zip file and implement three or more of the following features:

- Fix so the design of the images is like the attached picture in the root folder (preview.png) - CSS, JS
- Add some kind of status when the AJAX is running, something like "Requesting, Retrieving" - CSS, JS
- Display whatever the retrieved from the cache or not, like "Loaded from cache / Loaded from flickr" - C#, JS
- Implement so the cache helper (CacheHelper.cs) has support for both reference types and value types - C#

- In HomeController, add a feature so you can select between FlickrCacheableRepository or FlickrRepository by some configuration flag - C#
- Change HomeController's GetImage method only allow POST request, update the JavaScript so the functionality still work - JS, C#
- New images should fade in when they are added to the DOM - CSS, JS
- When the browser window is less than 1000px the background colour should change colour - CSS, JS

Best Regards,

Ian

Ian Dimech

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Experience Centre

Development Centre Manager Malta

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Ta' Xbiex Seafront

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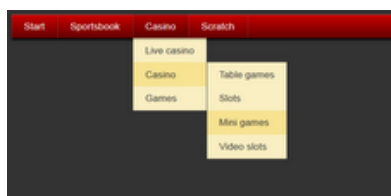
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3 attachments



menu-assignment.png
12K



carousel.zip
938K

 **GeneralTest.renamezip**
9656K

Jean Farrugia <jeanfrg@gmail.com>
To: Ian Dimech <Ian.Dimech@betssongroup.com>

31 January 2015 at 16:07

Dear Mr. Dimech,

This is to confirm acknowledgement of the sent email.

[Quoted text hidden]