

# FRONT-END TEST

NOTE: READ EACH POINT CAREFULLY. MISSING EVEN ONE POINT MAY DISQUALIFY YOU

1. You shall create an HTML widget in JAVASCRIPT and CSS.
2. The Widget shall stay on a page when scrolled. Within a webpage it may look like this:

THE FOLLOWING IS FOR ILLUSTRATION ONLY. PLEASE DO NOT CREATE THE HTML PAGE SHOWN LIKE THE SCREENSHOT. YOU MAY KEEP THE PAGE BLANK.

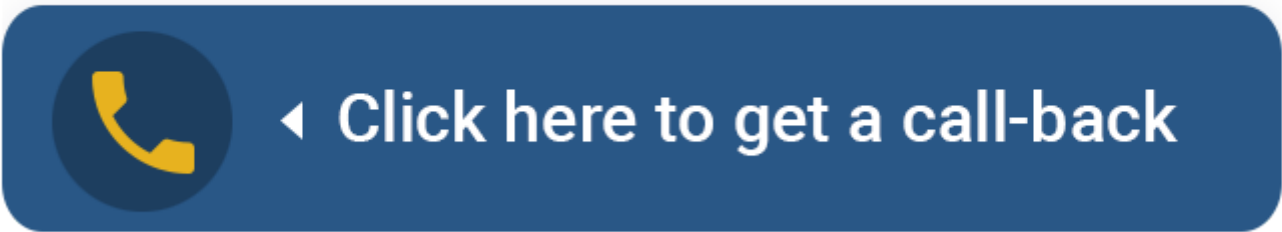
The screenshot displays the website for Paul Hype Page & Co., Chartered Accountants. The header includes navigation links (HOME, SERVICES, SOLUTIONS, FEES, GUIDE/FAQ, ABOUT, TESTIMONIALS, CONTACT), a search bar, and social media icons. The main banner features the text "START YOUR BUSINESS IN SINGAPORE TODAY!" over a background image of a modern building. Below the banner, a section titled "What Stage of Business Are You In?" prompts users to "Pick one to see our advice." This section contains four columns of services, each with an icon and a list of offerings:

Before Incorporation	After Incorporation	Business Investment & Expansion	Business Protection & Succession Planning
<ul style="list-style-type: none"><li>• Incorporation</li><li>• Singapore Visa Application</li><li>• International Tax Planning</li><li>• Relocation</li><li>• Singapore Business License</li></ul> <a href="#">» View Overview</a>	<ul style="list-style-type: none"><li>• Accounting</li><li>• Singapore Taxation</li><li>• Payroll</li><li>• Company Secretary Service</li><li>• Audit</li><li>• Corporate Support</li><li>• Serviced Office</li></ul> <a href="#">» View Overview</a>	<ul style="list-style-type: none"><li>• Business Expansion &amp; Investment in Asia and Oceania Regions</li><li>• PHP Property Investment Products</li><li>• Mortgage Saving (Aus)</li></ul> <a href="#">» View Overview</a>	<ul style="list-style-type: none"><li>• Estate Planning</li><li>• Universal Insurance</li><li>• Business Insurance</li><li>• Family Involvement</li></ul>

Below this section is a "Solutions - Who Are You?" area with the text: "We powered hundreds of foreign individuals and businesses like you, across hundreds of industries. Here's how we can help you." This is followed by a row of four small images: a man on a phone, a city skyline, a woman smiling, and a group of people.

Overlaid on the right side of the screenshot is a dark blue "DO YOU WANT A CALLBACK?" form. The form includes fields for "Your Name", "Phone Number" (with a dropdown for country code, currently showing "+62"), "I'm interested in Content" (with a dropdown menu), and "Comments". At the bottom of the form is a "Schedule a call for later" button and the "lucep" logo.

3. When minified the widget may look like this (the widget may start minimized or maximised and should be configurable during initialisation)



Attached PSD for minimised version.

4. Maximised it may look like this (the widget may start minimized or maximised and should be configurable during initialisation)

DO YOU WANT A CALLBACK?

Please give us your details and we will get back to you.

Your Name

+62

I'm interested in Content

Comments

Call Now

Schedule a call for later

lucep

Please note that when you click the X button on the top the widget should minimise.

In the screen above,

- Remove Schedule a call for later, Lucep Logo, flag next to the phone number and comments.
- Add-In Email field instead of comments
- I'm Interested in Content
- I'm Interested in Design.

On Click of "Call Now" do a POST ajax request (nothing specific, may fail)  
Show success message "You will receive a call soon" within the widget.

- 5. All fields are mandatory. Validations on each field MUST be done.
- 6. Pure Javascript, CSS, HTML code is expected. DO NOT use any frameworks, but if you have built your own library for example to do dom handling etc, you are welcome to use it. Code must be modular and clean. Unnecessary declarations must be avoided. Where applicable a spinner must be shown when an AJAX request is sent.
- 7. Use this service, to get a free API (<https://numverify.com/>). Use the service to validate the phone number by making a request to it before submitting the form.

## CODING STANDARDS TO FOLLOW:

- Your code must be instantiable by JS and injected to the HTML page.

**IMPORTANT:** DO NOT PLACE THE HTML FOR WIDGET DIRECTLY WITHIN THE HTML PAGE.

- Create a function and instantiate it by passing variables in JSON from the HTML page.

```
kiosk ({ "vertical": "top", "horizontal": "left", "name": 1, "phone": 1, "email": 0, "minimised": 1 });
```

In the above example, the init config will tell the code to show the widget top-left, show only name and phone fields within the widget and start the UI minimised. Changing the params above should change the UI accordingly.

- Create a function inside the JS in the above example kiosk() which will accept the params like above, manipulate the form as per the JSON and show the widget accordingly.
- After submitting the form, show a thank you screen within the widget.
- Handle ERRORS, feedback from any APIs you may use correctly and show feedback to the user, within the widget.

FINALLY, Be creative. Don't like our design (we aren't too thrilled with it either)? Please feel free to use your creativity.

Your code needs to be beautiful, readable and we like simple but efficient code.