**Fostr – Technical Test**

Thank you for applying for a Frontend Developer position at Fostr. We would like to move onto the next stage of the application process with you. Please can you now complete this short technical task (details below) to showcase your Shopify and Frontend Development skills.

* Don't spend longer than 1 day on this task *(a working day: eg. 8 hours)*
* Complete Task 1 and then if you want to proceed to the optional Task 2.

**TASK 1**

Timebox: Approx 4-6 hours

**User Story**

As a merchant I would like to display products in a carousel on the homepage of my store so I can showcase my best-selling products.  
  
**Acceptance Criteria**

1. The products should be displayed in a carousel
2. The carousel should be responsive (phone, tablet, and desktop breakpoints)
3. The product carousel should be setup as a theme section
4. All content should be managed via the Shopify admin (including the "Product Carousel" header and which products appear in the carousel)
5. Each product card should comprise of the featured product image, product title, a truncated product description, the product price (if appropriate show the compare at price and strike through the product price)
6. Clicking the product title or the product image on the product card should link to the product detail page
7. If a product is tagged "new", then display the "new" badge on the product image
8. The product carousel needs to work on the latest 2 versions of Safari, Chrome, Edge (desktop and mobile devices)
9. The featured product carousel should look exactly like the carousel in this design XD (pixel perfect) excluding the add to cart button [https://xd.adobe.com/view/518260c4-53ad-45b8-a5c6-5ddf710ed623-04d1/](https://eur01.safelinks.protection.outlook.com/?url=https%3A%2F%2Fxd.adobe.com%2Fview%2F518260c4-53ad-45b8-a5c6-5ddf710ed623-04d1%2F&data=04%7C01%7Cemma.walker%40idhl.co.uk%7C20f57f765390479af89108d9c3b42b75%7C22e1b2c518944e75bb8fefd1cfdbbc64%7C0%7C0%7C637756000869510602%7CUnknown%7CTWFpbGZsb3d8eyJWIjoiMC4wLjAwMDAiLCJQIjoiV2luMzIiLCJBTiI6Ik1haWwiLCJXVCI6Mn0%3D%7C3000&sdata=lABrzFvLFLKJ%2Borw02XY09qH3czb%2B6A3r4neFUudzbs%3D&reserved=0)

**Tech Notes**

* Setup a Shopify store using the free Dawn theme and add the new featured products carousel to the homepage
* Don't use jQuery (modern vanilla JS plugins like Swiper or pure CSS are acceptable)
* All fonts are available on Google Fonts
* You can re-purpose existing snippet/liquid code from the Dawn theme
* Once you have completed the task, please share a preview link, the store password, and the Shopify store logins with [emma.walker@didhl.co.uk](mailto:emma.walker@didhl.co.uk) so we can review your code

**TASK 2 (OPTIONAL)**

Timebox: Approx. 4 hours

**User Story**

As a merchant I would like my customers to be able to purchase products from the homepage

**Acceptance Criteria**

1. Add the add to cart functionality to the product cards in the carousel
2. Clicking the "add to bag” button should add the associated product to the cart (without a page refresh)
3. Display the Dawn themes mini-cart popup to show the product has been added successfully to the cart
4. If there are multiple product options/variants add the first option/variant to the cart
5. The "add to bag" button should look exactly like the design XD (pixel perfect)  [https://xd.adobe.com/view/518260c4-53ad-45b8-a5c6-5ddf710ed623-04d1/](https://eur01.safelinks.protection.outlook.com/?url=https%3A%2F%2Fxd.adobe.com%2Fview%2F518260c4-53ad-45b8-a5c6-5ddf710ed623-04d1%2F&data=04%7C01%7Cemma.walker%40idhl.co.uk%7C20f57f765390479af89108d9c3b42b75%7C22e1b2c518944e75bb8fefd1cfdbbc64%7C0%7C0%7C637756000869510602%7CUnknown%7CTWFpbGZsb3d8eyJWIjoiMC4wLjAwMDAiLCJQIjoiV2luMzIiLCJBTiI6Ik1haWwiLCJXVCI6Mn0%3D%7C3000&sdata=lABrzFvLFLKJ%2Borw02XY09qH3czb%2B6A3r4neFUudzbs%3D&reserved=0)
6. The add to cart functionality needs to work on the latest 2 versions of Safari, Chrome, Edge (desktop and mobile devices)

**Tech Notes**

* Extend the product carousel you created in Task 1
* Don't use jQuery to create the add to cart functionality
* Once you have completed the task, please share a preview link, the store password and the Shopify store logins with [emma.walker@idhl.co.uk](mailto:emma.walker@idhl.co.uk) so we can review your code

Thanks!