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**PBC Generator**

(Personal Business Card Generator)

The purpose of this website is to present a tool to create and personalize your own business card.

**HTML**

Total of 7 web pages were structured using HTML: Home / More / Samples / Generator / About me / Project / Contact

All pages contain:

* Head (meta tags, appropriate page titles, css link tag, js script tag)
* Body (nav, header, main, footer)
* Texts and image to provide information
* Responsible and unified design

**List of tags used in the project**: html, head, meta, title, link, script, body, div, a, nav, img, ul, li, h2, h3, h4, p, em, button, form, label, input, textarea, footer, span, br

**CSS**

All pages were stylized using an external CSS sheet (generator.css). Media queries were used to make the design responsive and apply some different styles based on break points:

* Main design: Mobile / small browser size
* Break point 1 🡪 600px: Tablet / medium browser size
* Break point 2 🡪 1024px: Desktop / large browser size

**List of properties applied**: background, background-color, background-image, box-sizing, border, border-radius, clear, color, display, float, font-family, font-size, font-style, font-weight, height, line-height, left, list-style, margin(s), max-height, max-width, min-height, min-width, opacity, padding(s), position, text-align, text-decoration, top, transition, width, z-index, zoom

**Design principles were applied to make it visually appealing**.

**JavaScript**

The project contains 2 external JS files:

1. main.js 🡪 Included in all pages. It contains minor events and functions related to show/hide the side menu and also to display a message when the user submits a contact form (contact.html)
   * Commented in the end of this file: images sources
2. generator.js 🡪 Included in generator.html page. It provides dynamic update of the business card as the user fills in the fields and chooses appearance selections. This file contains:
   * Multidimensional Array of images available to the user to choose when building his business card
   * Object to keep data inputted by the user when building the business card
   * Function to update the object values
   * Function with 4 conditions and loopings to define which image in which color should be displayed according to user’s selection
   * EventListener to update the business card data according to the information provided by the user on 5 Input Boxes (Name, Professional Occupancy, Email, LinkedIn/ Social Media, Phone Number)
   * EventListener to update the business card appearance according to user’s choices of background and font colors (2 Color Pickers\*)
   * EventListeners calling function to update the business card image according to user’s selection of type and color (Radio buttons)
   * EventListener reloading the page if the user chooses to build a new business card
   * EventListeners to open and close the business card Settings (when displaying in mobile size)
   * EventListener to validate: if any field of the business card is empty and if the number of cards requested is empty or isn’t a valid number. After validation, this event still applies Type Conversion on the number of cards requested, hide/show different buttons and show a message to the user.

\* If your browser doesn't support Color Picker you can input the color name or code directly.

**ALL pages contain intern documentation and proper indentation.**