Final Website

for

IASC 1P02

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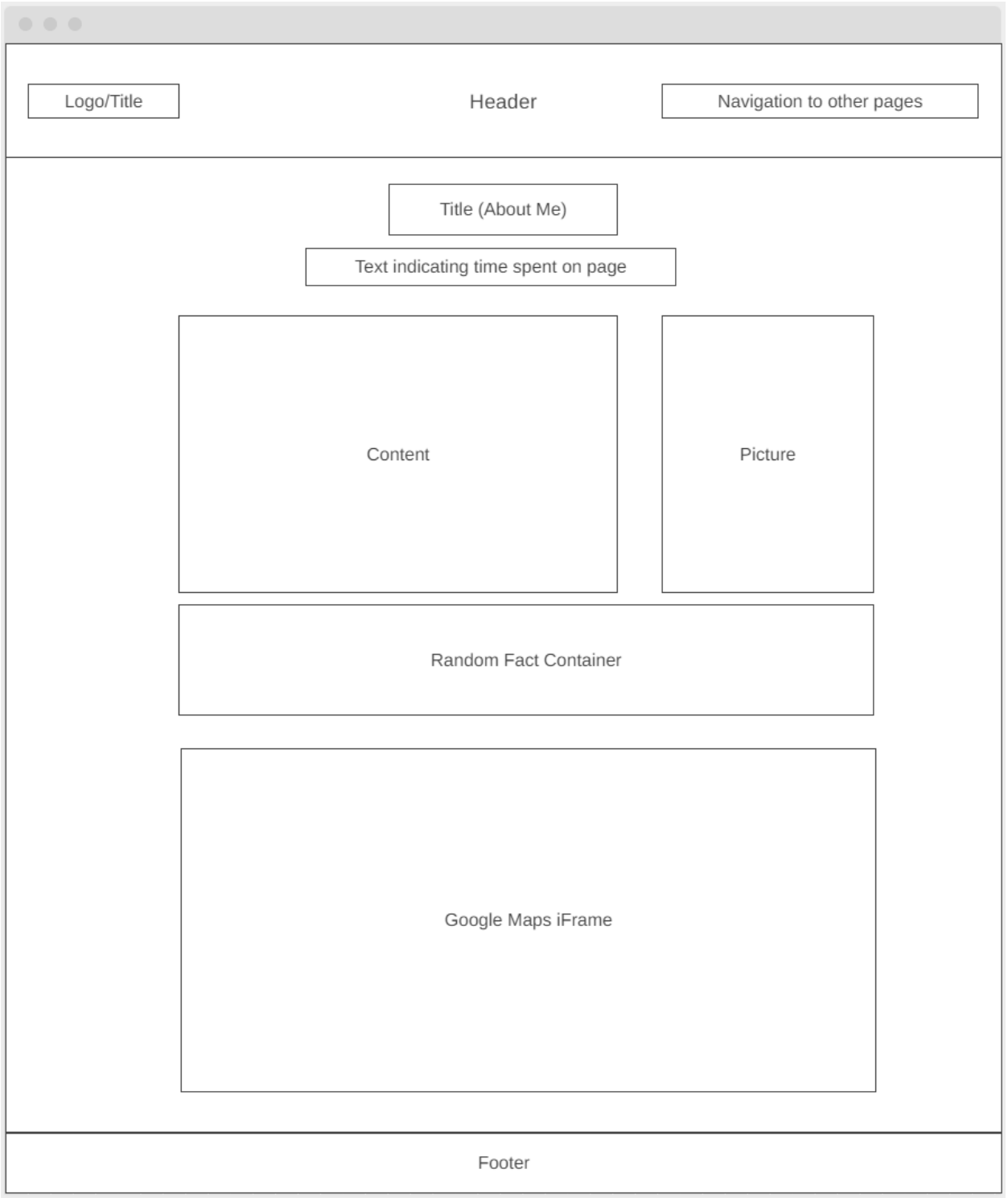
Part One: Site Design

Mockups:

https://wireframe.cc/SLNFvE



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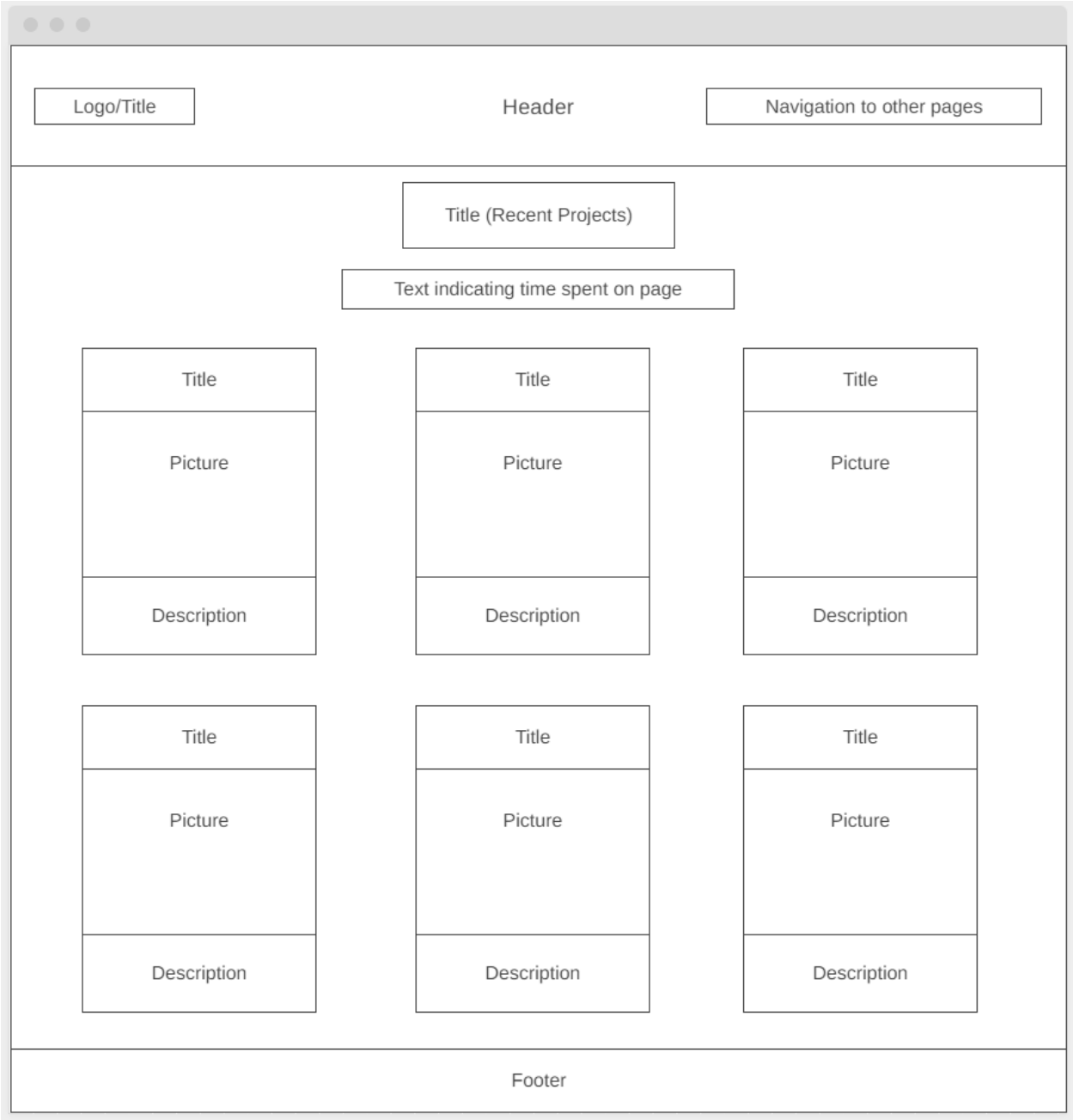
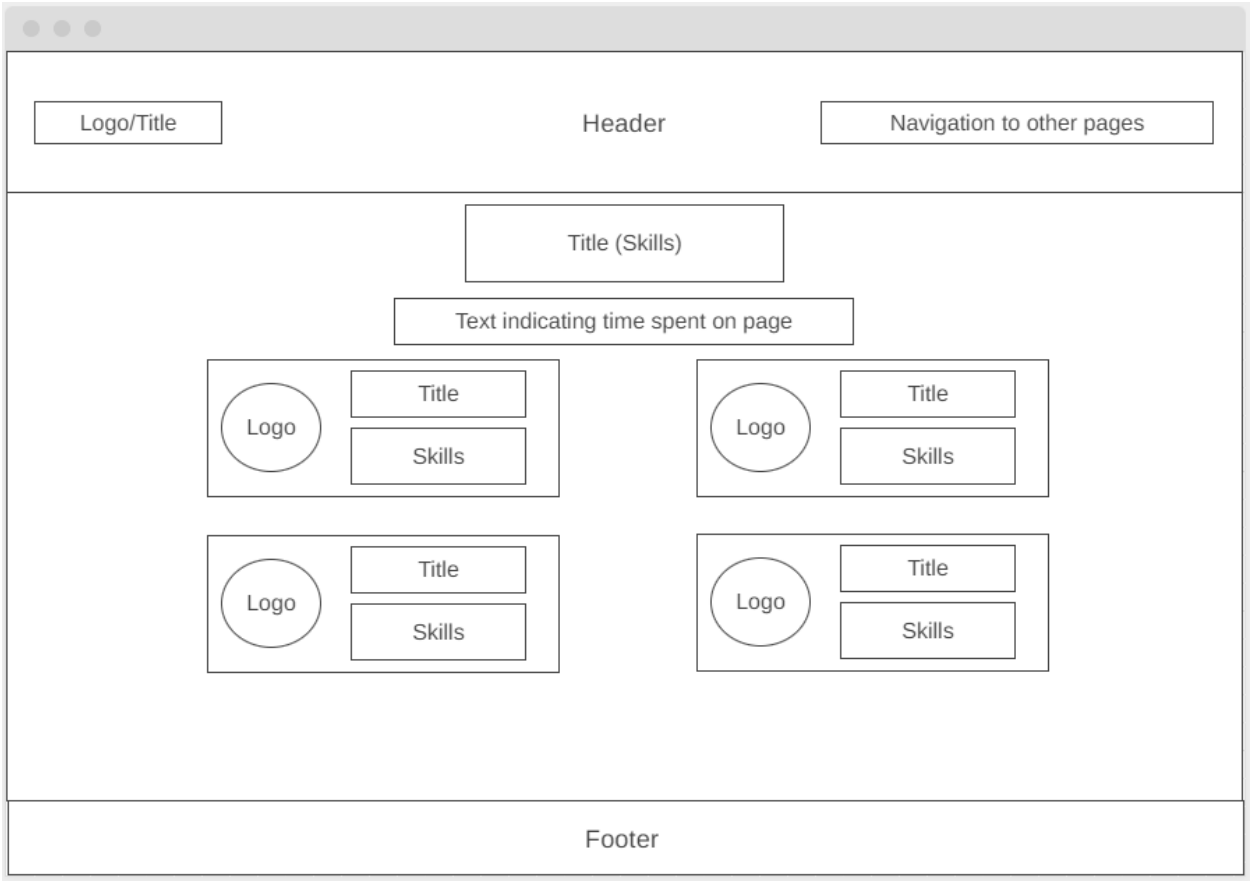


https://wireframe.cc/MouGLo



Part One Report:

For this assignment I decided to create a “personal website” where I could showcase some information about myself as well as some personal projects and skills. The design I chose separates my site into three pages: about me page, projects page and skills page. This allows for a structured way for the user to navigate the site without being confused on where certain content resides. The about me page could be considered to be divided into 3 distinguishable blocks of content: about me content, random fact content and the google maps iframe located at the bottom. Since each of these 3 elements is different from each other in the type of content they provide I decided to visually separate them from each other to avoid confusion. The projects page utilizes a “grid” display that allows for the 6 projects and their details to be visually appealing and distinguishable from each other. All of the project items follow the same styling rules which creates consistency. The last site I created was the skills page and it follows a similar grid display as the recent projects page. The several elements that compose a “skill element” are also easily separable into logo, title and description but at the same time users can easily identify the specific skills and their elements. I also followed C.R.A.P design rules that allow the site to have a good technical and visual design. All elements in the site are easily distinguishable and do not blend together (block like elements with borders around them) with other aspects of the site which takes care of any contrast issues. To not encounter any alignment issues I made sure all elements in the site were positioned in an organized structure that allowed users to read the website in the particular order I intended them to do so. Items that are related to each other are purposely close to each other so that the users understand whenever elements of the site are meant to be part of a cohesive group. An example of this principle can be seen on the projects page where the information of an individual project is in proximity with its image and title. As for the color scheme that is shared across the entire site I decided to utilize “earthy and natural” colors (shades of light brown, green) that are appealing and soft. The use of analogous colors such as green and yellow are pleasing to the eye and don't hurt the viewing experience for the user. The color of the background ensures that the font visibility isn't affected and is not hard for users to distinguish individual words even on the smaller fonts. Specific elements such as the header and footer share the same color styling so that the beginning and end of the website is easily identifiable. Overall all the elements and aspects of the site follow the good design principles that were taught in class resulting in an excellent user experience when navigating the site.

Part Two: Basic Site Components

HTML files in website:

- index.html
- projectsPage.html
- skillsPage.html

CSS file in website:

- style.css

JS file in website:

- script.js

Separate Javascript functions implemented:

- Timer at the bottom of the page that indicates how long you've been on the page
- Button in the index.html page that fills up content when clicked

References:

External Libraries/Code used in website:

- VincentGarreau. "Vincentgarreau/Particles.js: A Lightweight Javascript Library for Creating Particles." *GitHub*, https://github.com/VincentGarreau/particles.js/.

Google Maps iFrame:

- Google Maps, Google, https://www.google.com.mx/maps/place/Torre%C3%B3n,+Coahuila,+Mexico/@25.548687,-103.4369352,13z/data=!3m1!4b1!4m5!3m4!1s0x868fdba9bb45b3fb:0x8bcc7a9970aea01d!8m2!3d25.5428443!4d-103.4067861.

Part Three: Advance Site Components

List of Advanced Site Components Implemented:

- Implemented Particles.js Library (dynamic shapes Moving in the background)
- Navbar Elements scale up in size when hovering over them
- Projects in project page scale up in size when hovering over them
- Utilized CSS Keyframes to create a “pulsing” animation for all the skills in the skills page and for the “Random Facts” button on the index.html page
- Elements in page will fade in when page loads for all 3 .html pages
- The image located in the index.html page will change every couple seconds (kinda like a image carousel)
- Implemented Google maps iFrame element that allows user to interact with a google maps instance