

Sit120 – Assessment 1

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Introduction to Responsive web apps

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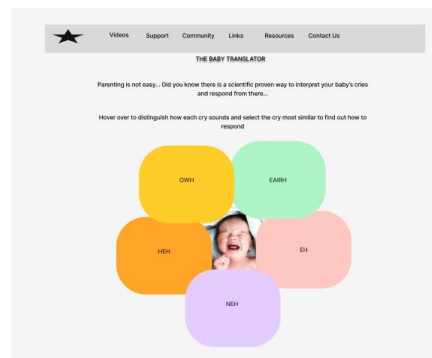
Abstract

For new caregivers it can be daunting bringing home a new baby. With so much information accessible it would be good to have all information in one place. There is much research on distinguishing the cry or your newborn and what this may relate to. There are specific sounds that a newborn makes that corresponds to the need they are trying to express. This project proposes to have this information available to the user in a simple user-friendly way, so when the caregiver hears the sound of her baby cry they can look it up on this site and be told what it means.

Interpreting Baby's Cries (0-3 months)				
FEEDING	SLEEPING	BURPING	LOWER WIND	UNCOMFORTABLE WET - DIRTY HOT - COLD
neh	owh	eh	earh	heh
Feed your baby.	Help your baby fall asleep.	Burp your baby.	Use massage and colic holds to remove air bubbles.	Check if baby is too hot or cold or Check for wet diaper or Change your baby's position
Tip: Look for the tongue trying to touch the roof of the mouth.	Tip: Look for the "O" shape of the mouth.	Tip: Look and listen for the chest tightening.	Tip: Listen for a more urgent, distressed sound.	Tip: Listen for the breathy "h" part of the sound.
FEEDING ROUTINE	SETTLING POSITION	SETTLING POSITION	SETTLING POSITION	SETTLING POSITION
Minutes on left _____	<input type="checkbox"/> rock / pat walk / move around pacifier	<input type="checkbox"/> upright / pat back	<input type="checkbox"/> massage baby's tummy	<input type="checkbox"/> wet diaper
Minutes on right _____	<input type="checkbox"/> stroke head	<input type="checkbox"/> shoulder pat	<input type="checkbox"/> shoulder rock	<input type="checkbox"/> dirty diaper
Minutes TOTAL _____	<input type="checkbox"/> cuddle	<input type="checkbox"/> upright / tilt	<input type="checkbox"/> outer thigh rock	<input type="checkbox"/> too hot
Bottle (mls) _____	<input type="checkbox"/> place hand on body	<input type="checkbox"/> rotate on knee	<input type="checkbox"/> rub back	<input type="checkbox"/> too cold

Priscilla Dunstan, Dunstan Baby Language, <http://www.youtube.com/watch?v=gk7t6ydvq>

<https://i.pinimg.com/originals/7c/9d/0a/7c9d0a0657b92872ffa67bb2c9d9e3a8.jpg>



Product Purpose

Know your babies cries at a click of a button and other resources in a useful website and application

Target Audience

Primary caregivers of new infants

First time caregivers are always looking for ways to best understand and respond to their infant needs. Being a new caregiver can be stressful and overwhelming. A responsive website application to provide the information that is pertinent to understanding the needs of the newborn in a responsive and interactive way will be of a great help to this cohort.

Day Care Providers

It is not uncommon for a newborn to be cared for within the day care setting given pressure for the caregivers to return to work early. Day care staff would benefit from a simple to use application that

mapped out the baby cries and then produced an action that they could follow. Research has suggested that this language is universal and without language or culture influences, therefore it would be a toll they could rely on regardless of the baby that they were caring for.

Target Audience	Needs	Creativity
Caregivers	Accessible information in one place	Website will be easy to use with components that are user friendly
	Quick reference in times of stress	Calming colour and design for stressed out mums
Day Care	Quick reference to identify crying needs	Easy layout, accessible on a portable device
	More detailed information and reference material	Links to references and other websites

User Stories

User Story	Acceptance Criteria
As a new mother it is hard to know what my baby wants. I would like a clear guide based on evidence	Easy to use Based off reference material
As a new father I want this content to be accessible on all devices	Accessible on Andriod and IOS devices
As a new mother I want to quickly click noises and have them return an action	Pop up menu after click
As parents we want to quickly diagnose what is wrong with our baby	Easy to use Large font
As caregivers we want to be able to quickly select combination symptoms and put together primary and secondary needs	Level 2 deign – pop up has additional noises to select
As primary care givers we would like education in the one place	Reference material in one link
As primary care givers we would like an app as a website it too hard	Accessible on IOS and Android
As caregivers we don't always have to hands - we would want something that is easy to use	One touch click and information pops up – No need to enter text
As caregivers we would like more visuals than words as we will be looking at this at all times of the day and night	Simple layout – black background so graphics pop
As caregivers we would like some educational videos we can play whe we are breast feeding	Videos in one place through a link
As caregivers we would like a site that is just tapping symptoms then returns an action	Big buttons / follow on menus
As a day care provider I want an evidence based product that will tell me what I need to do for the cries that I am hearing	Link for resources and evidence

Asset List

Page	Description
Index.html	This is the home page for my website. Accessibility and functionality will be from this page including introduction and graphics. There will also be a menu and contents link. There will be something eye catching that will draw the user in to want to go into the other pages
public/CSS/style.css	This will handle the overall look of the website and deal with the responsiveness of the site allowing for access through any medium. The CSS will follow the colour palate specified and allow for harmony throughout the site.
Media/Images/{image_name}.png	Will store all images that are used for the site and serve as a house for all media within the design
Main.js	Will handle any interactivity that the site requires with Java Script
Server.js	Will handle any data storage requirements that the site requires (V2.1)
App.vue	A house for components on first page
SearchBar.vue	A centralised search bar for site index
Resources.vue	A interactive reference page with useful information easy to use
Contacts.vue	Useful contacts for caregivers
Videos.vue	Video references for the caregivers to watch
Community.vue	Blog post / post a question / connect with others
Footer	Embed in HTML
Header	Embed in HTML
Nav Bar	Embed in HTML

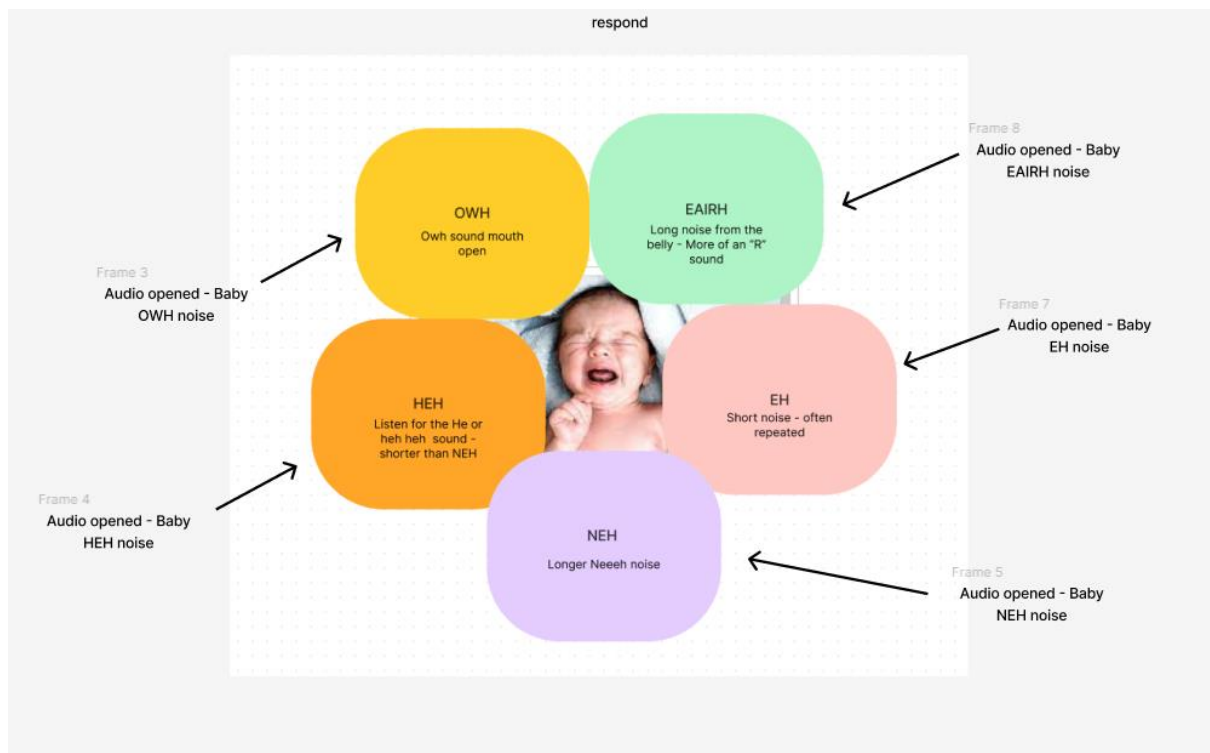
Index.html

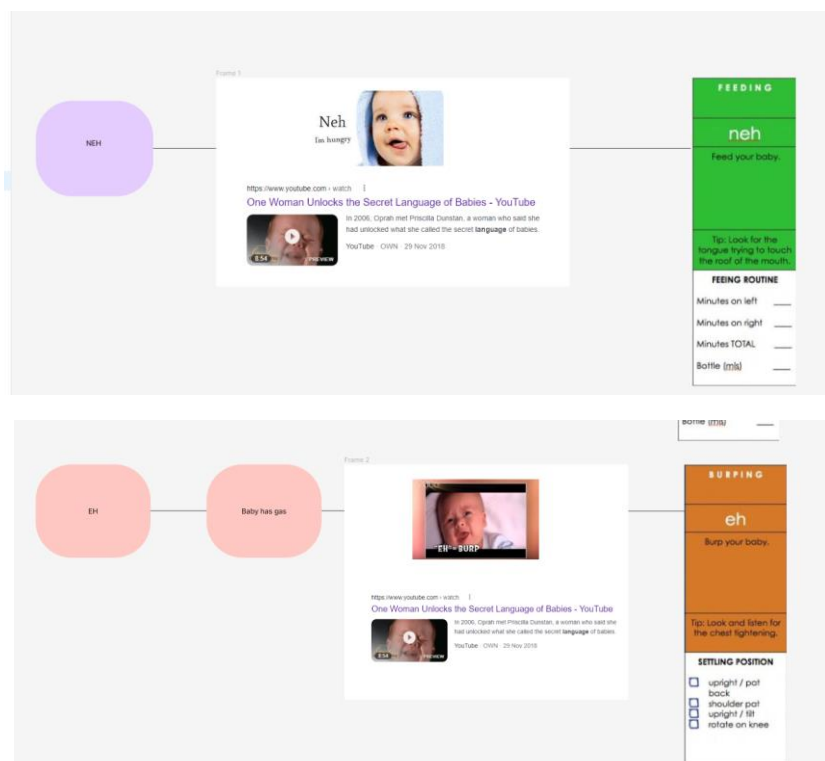
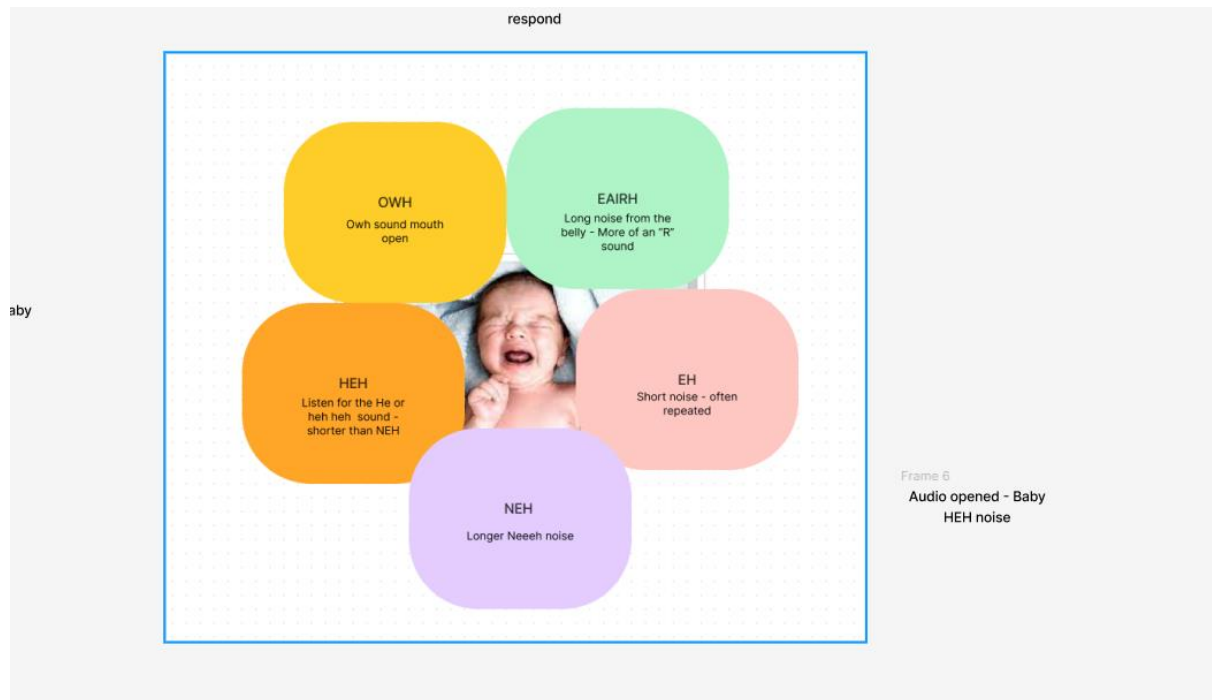
The intent for the HTML landing page is for it to be a simple entry into the project and also house the main interaction. Simple HTML used and then a separate CSS style sheet included. I have maintained the layout of separate div tags so I can easily add vue components at a later time

My first prototype (as seen in GIT commit comments) is pictured below. After responding to this and coding my initial prototype I felt it needed further development. After consideration I felt this was a good start however could be more cohesive and look more designed. Responding to this I have attempted to make the page more user friendly

Figma prototype

For the interactive section of the project, I was wanting each of the buttons to make an audio sound and then go to the information for the need. When you click on them, I was wanting a graphic to appear with the action information and what the cry means as showed before

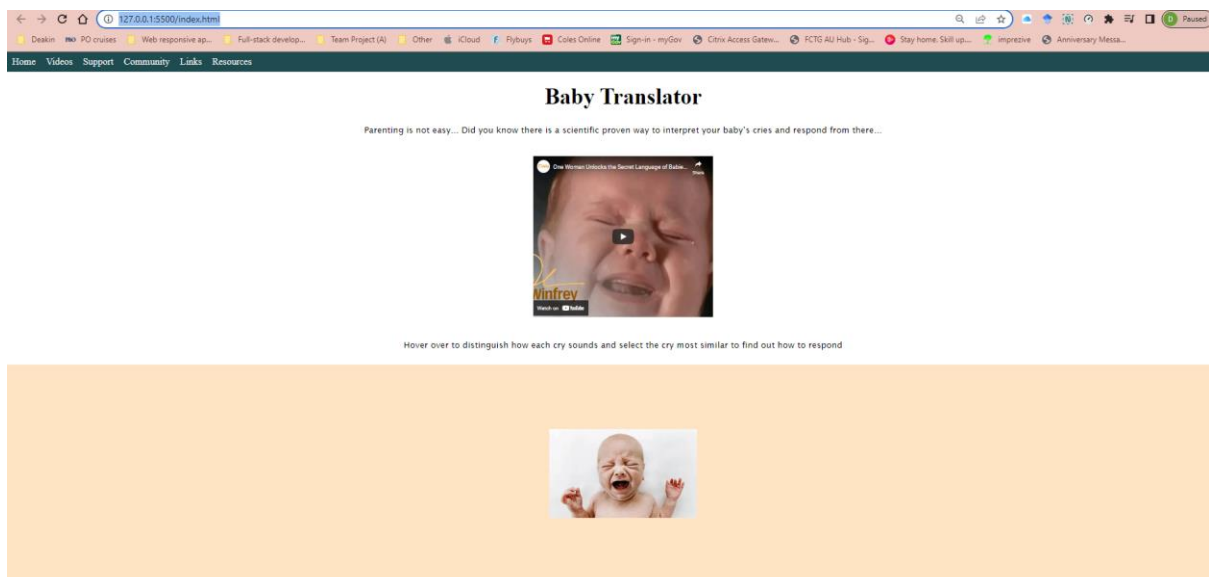




First Draft Website

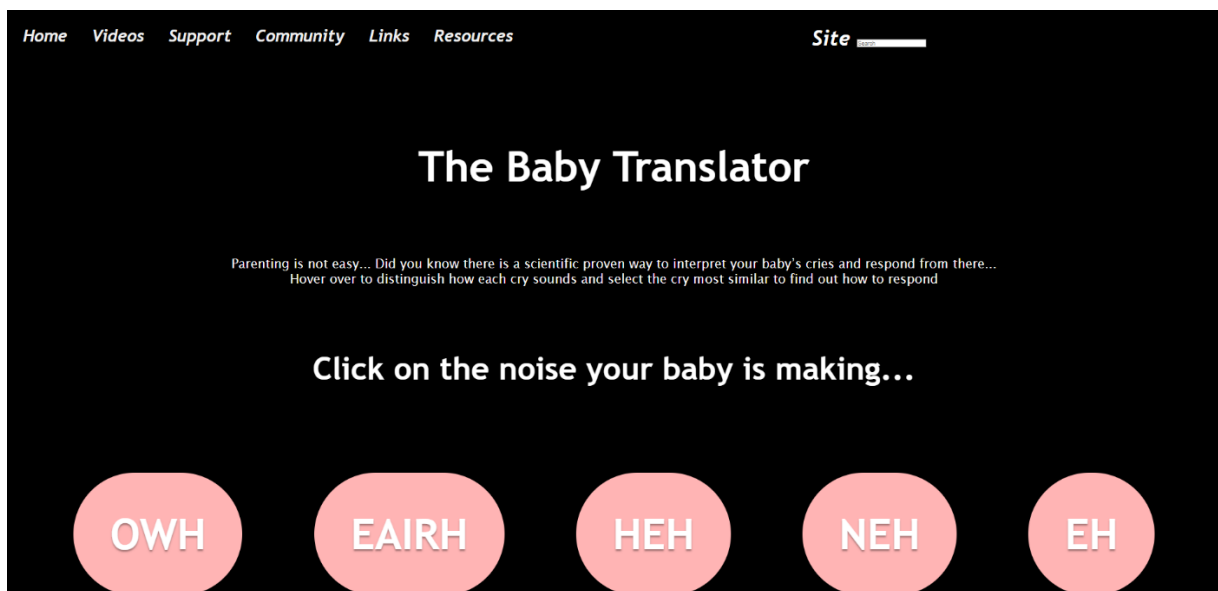
Github Link:

https://github.com/Delljones/SIT120_Assessment_1_projectPlanandAnalysis/blob/main/index.html



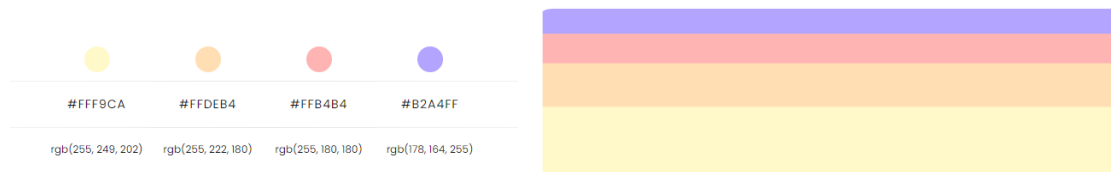
After considering the look and feel of the index page I have implemented the following changes
This is in response of the user stories regarding easy to use, calming and a click interactive website.
HTML and CSS coding has happened and link is below

https://github.com/Delljones/SIT120_Assessment_1_projectPlanandAnalysis/blob/main/index.html



UI/UX Design

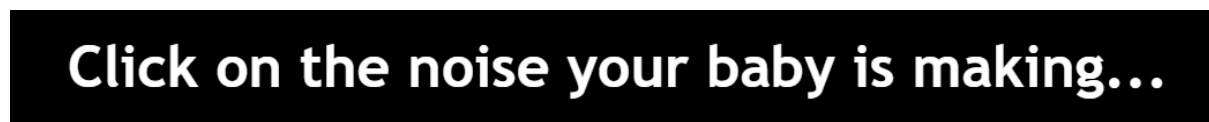
I would like to keep the pages simple with only a few colors throughout as the user will be using at night or when trying to settle a baby. With that in mind I have decided to go with a black background and then the following palate



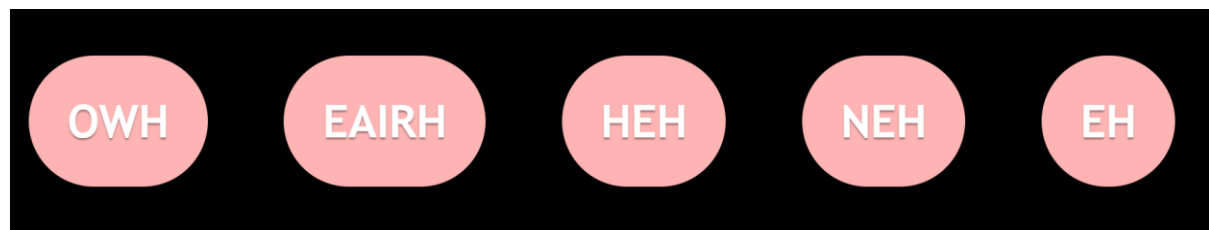
Background: Black with white writing – Nav bar sticky / italic – Site search to the right (further development needed for sizing)



Font: Trebache



Button Design: Pink or pastel color with decorative white writing



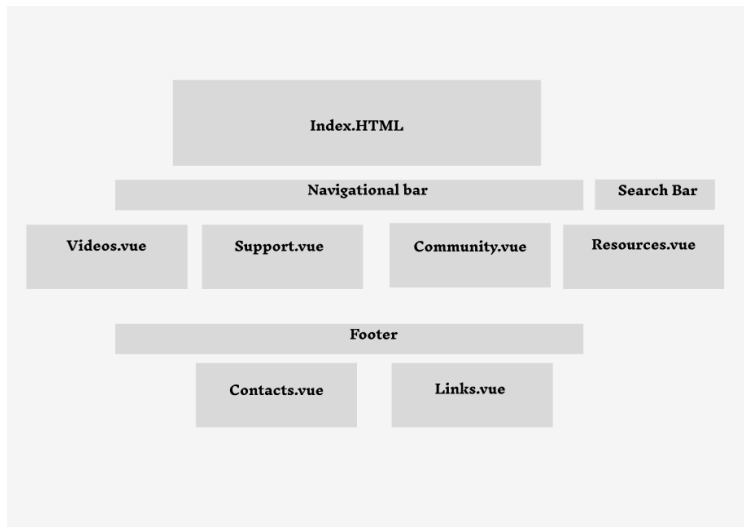
I intend for the look and feel of the site to be well spaced, responsive and user friendly. Other pages that will be developed will follow the same style to this.

Function

I feel as if this website will be quite straightforward with simple pages that will be easy to link off. I look forward to the challenge of designing Vue components to link into each of the pages redirected off click.

The main interaction of the baby noises and the pop out information will sit on the first page and will be the main draw card for the audience

The following diagram is the proposed site map with the ability to add or detract from this dependent on how the project is progressing. Pages to develop next will include the videos section with rich media and the community page where I can develop on a blog and posting like setup and make this interactive



References

I.pinimg.com. 2022. [online] Available at:

<<https://i.pinimg.com/originals/7c/9d/0a/7c9d0a0657b92872ffa67bb2c9d9e3a8.jpg>> [Accessed 5 August 2022].

Colorhunt.co. 2022. *Color Palette: #FFF9CA #FFDEB4 #FFB4B4 #B2A4FF - Color Hunt*. [online]

Available at: <<https://colorhunt.co/palette/fff9caffdeb4ffb4b4b2a4ff>> [Accessed 5 August 2022].

https://github.com/Delljones/SIT120_Assessment_1_projectPlanandAnalysis/blob/main/index.html

2022. *Language Development*. [online] Available at:

<<https://raisingchildren.net.au/babies/development/language-development/language-3-12-months#:~:text=Babies%20communicate%20using%20sounds%20and,the%20first%20year%20of%20life.>> [Accessed 28 July 2022].