

## Details of your portfolio

PD URL site (*\*Compulsory to fill up for milestone 2 and 3*):

**<https://porfoliodev-production.up.railway.app/>**

Name of your portfolio:

Where Developers  
Meets Designer

*Lim Xing Herng*

Your Logo:



Describe your target audience:

*My portfolio is designed for the following audiences:*

- *Recruiters looking for frontend or UI/UX(I just put this in since we are going to learn UI/UX next sem) designer*
- *Job recruiters who are seeking people who are seeking creative and technical collaboration*
- *Collaborators in digital design development fields*

Describe your brand story/ purpose:

*Theme : Where Designer Meets Developer*

*The theme I am going for in my portfolio this showcasing the balance between bring a developer and a designer. I wanted to keep the overall style clean and minimal to make it easy to navigate around.*

*I used blue tones to represent my coding/development side and pink/purple was used to represent design. I used the colours in my digital banner as well ass throughout my pages to reinforce that dual identity*

*I also tried to use round elements and gradient to keep things modern and soft, While making work more readable through fonts.*

*Overall the theme reflects my ideal identity: someone who enjoys blending logic and creativity, building both functional and visually pleasing work.*

## Design brief

Colour scheme & Colour palette:

*Color Scheme: Split- Complementary*

*Reasoning:*

*I went with a split-complementary color scheme using blue and pink/purple tones. The blue shows the developer side of me — more logical and structured — while the pink and purple bring out the creative, design side. These colors give enough contrast to make both sides stand out, but not in a way that feels too loud or clashing. The contrast is softer and easier on the eyes compared to a full complementary color combo. I also used light grey in the background to keep everything clean, simple, and easy to read — which matches the calm, minimal vibe I wanted for the whole portfolio.*



Typography:

*Headers – Impact*

*I chose impact as it commands attention which is great for titles.*

*Body Text – Calibri Light*

*Balances out the strength of impact with a softer and more readable tone.*

*Code Snippets- Courier New*

*Signals contents clearly good to use for skills ,syntax or command lines.*

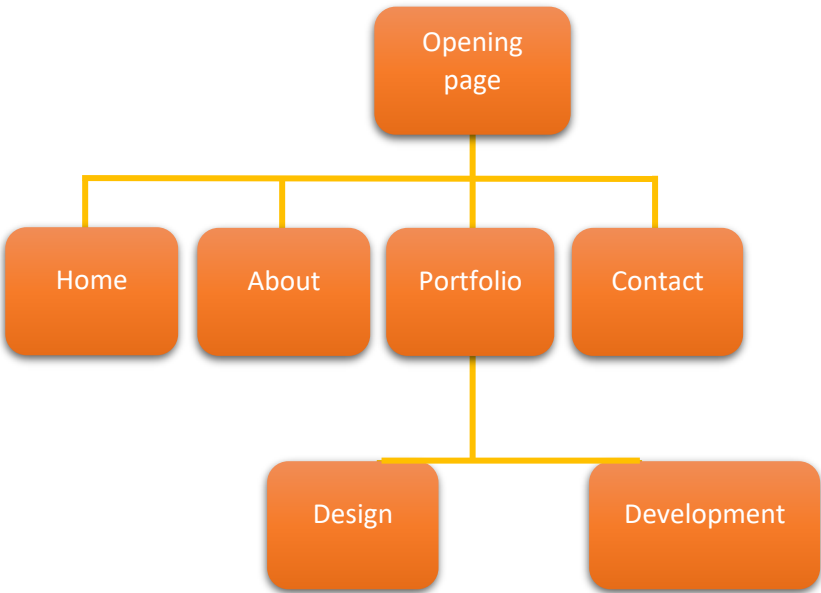
Theme:

*Minimalist.*

Layout/ Arrangement:

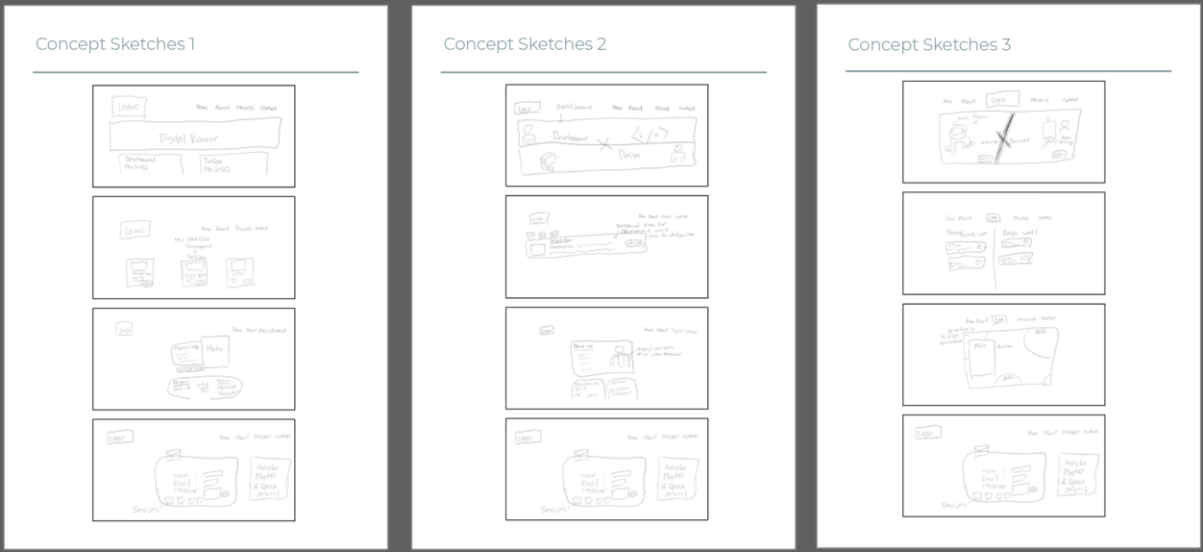
How will you arrange the multimodal composition in a way that makes sense for your audience and your purpose? How might you arrange ideas and elements so that your composition is effective?

Minimally 3 tabs with 2 layers of navigation



Low fidelity wireframe:

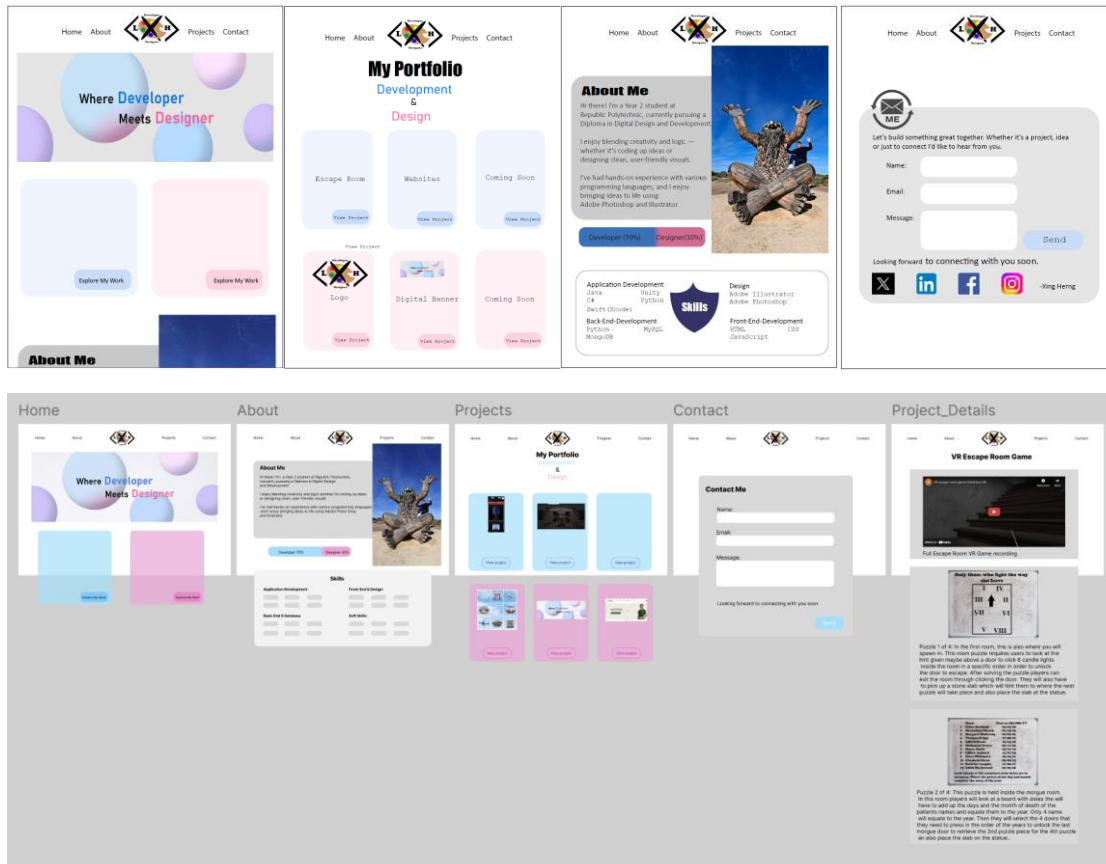
Insert your low-fidelity wireframe here. This can be photo of your sketches or digitally created low-fidelity wireframe using shapes. E.g.



**High fidelity wireframe (\*Compulsory to fill up for milestone 2 and 3):**

*Insert your high-fidelity wireframe here. Full set of ALL the pages in JPEG or PDF format.*

*E.g.*



**Link to your Prototype – Most likely on Figma (make sure your lecturer is given access to the site)**  
*(To fill up for milestone 2 and 3):*

[https://www.figma.com/design/YetiLez2WCDzMFiwqISVL9/Portfolio\\_Design-High-Low-Fidelity?node-id=0-1&t=qt7YGgQV3r7HEiJ3-1](https://www.figma.com/design/YetiLez2WCDzMFiwqISVL9/Portfolio_Design-High-Low-Fidelity?node-id=0-1&t=qt7YGgQV3r7HEiJ3-1)

Home Page:

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# Where Developer Meets Designer

## Development

Explore my coding projects, from web apps to interactive experiences.

Explore My Work

## Design

See my graphic design, banners, and visual experiments.

Explore My Work

## About Me

I'm a Year 2 student in Digital Design and Development, blending creativity with code. Curious? Get to know my story and skills.


Learn More

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About Me Page:

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About Me


Hi there! I'm a Year 2 student at Republic Polytechnic, currently pursuing a Diploma in Digital Design and Development.

I enjoy blending creativity and logic — whether it's coding up apps or designing clean, story-driven visuals.


I've had hands-on experience with various programming languages, and I enjoy bringing ideas to life using tools like Adobe Photoshop and Illustrator.

Developer (80%)


Designer (20%)




Certifications




React (Basic)




SQL (Advanced)




React Router v6



Learning React Native



Unit Testing TDD



Google Analytics

Skills

Application Development

Java

C#

Swift (Xcode)

Python

Unity

Mobile Development

Back-End & Database

Node.js

Express

MySQL

MongoDB

Database Management (SQL)

Front-End & Design

HTML

CSS

JavaScript

React

Figma

Adobe Illustrator

Adobe Photoshop

Soft Skills

Adaptability

Collaboration


Communication

Problem-Solving

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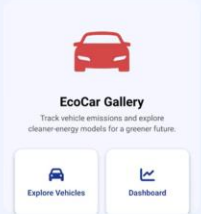
# My Portfolio

Development & Design



**Figma Learn@RP**  
Design for a learning portal app for CA2

[View Project](#)




**EcoCar Gallery**  
Track vehicle emissions and explore cleaner-energy models for a greener future.

[Explore Vehicles](#)[Dashboard](#)


**Mobile SG green plan car app**  
We were tasked with developing a solution that supports the Singapore Green Plan. Our team chose to focus on cleaner-energy vehicles. This application helps track newly registered vehicles and provides administrators with an easy-to-read dashboard, allowing them to quickly assess whether the plan is progressing as intended.

[View Project](#)




**Music app**  
The Music Library mobile app is a UI/UX-focused React Native application designed to help users organise and browse their personal music collection. The app allows users to add, view, and manage music entries with a simple and intuitive interface, focusing on smooth navigation and clear visual hierarchy. Data is stored locally using AsyncStorage, enabling persistent state without relying on a backend or external database. This project highlights mobile UI design, component structuring, state management, and local data handling while emphasising usability and clean visual presentation.

[View Project](#)




**Sustainable Shopping Webpage (Figma)**  
Figma design for sustainable shopping app

[View Project](#)




**VR Escape Room Game**  
C337\_Immersive Technologies Escape room GA

[View Project](#)



**Digital Banner**  
Digital banner for my portfolio website

[View Project](#)




**Instagram Grid**  
3x3 Instagram Design

[View Project](#)

Project Detail Page:

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Development Project


### VR Escape Room Game

C337, Immersive Technologies Escape room GA


VR escape room game Immersive GA

Watch later

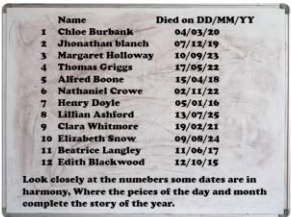
Share

Watch on  [YouTube](#)

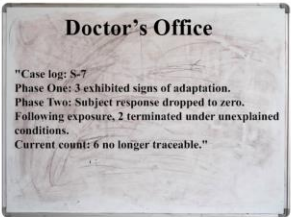
Full Escape Room VR Game recording



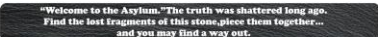
Puzzle 1 of 4: In the first room, this is also where you will spawn in. This room puzzle requires users to look at the hint given maybe above a door to click 8 candle lights inside the room in a specific order in order to unlock the door to escape. After solving the puzzle players can run the room through clicking the door. They will also have to pick up a stone slab which will hint them to where the next puzzle will take place and also place the slab at the statue.




Puzzle 2 of 4: This puzzle is held inside the morgue room. In this room players will look at a board with dates the will have to add up the days and the month of death of the patients names and equate them to the year. Only 4 name will equate to the year. Then they will select the 4 doors that they need to press in the order of the years to unlock the last morgue door to retrieve the 2nd puzzle piece for the 4th puzzle also place the slab on the statue.



Puzzle 3 of 4: The 3rd puzzle will require the user get 5 numbers from the board to key into the keypad to unlock the door to the doctors office in there will be the last and final piece of the puzzle for the statue.



Puzzle 4 of 4: This puzzle requires all 3 pieces of the puzzle pieces found in the previous rooms to be place. This will then allow the player to interact with the statue where a hidden portal has which will then teleport the user to the escaped room.



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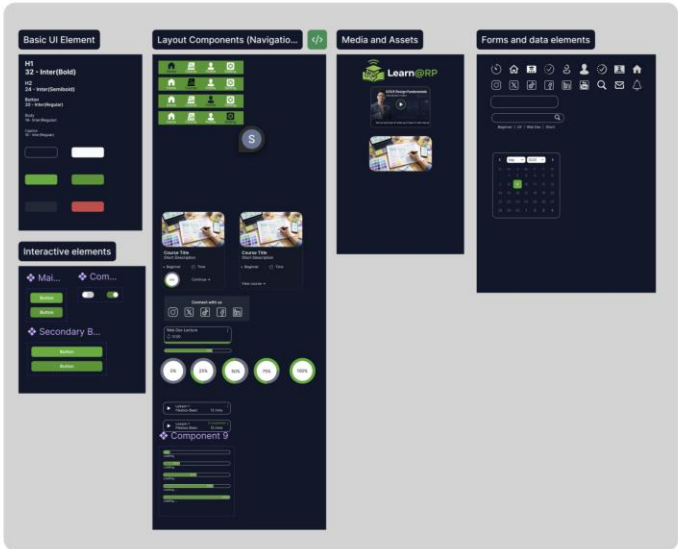




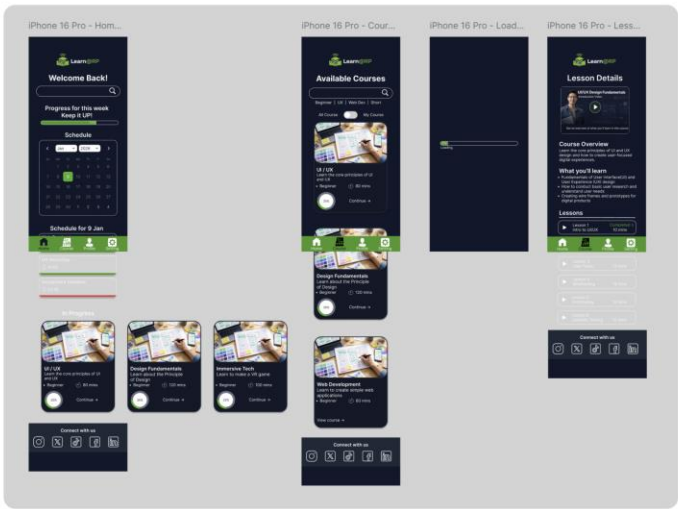
Development Project

# Figma Learn@RP

Design for a learning portal app for CA2



[https://www.figma.com/design/vcienvPteDFb3ABQCWwQj/C218\\_UI-UX\\_CA2\\_Learning\\_Portal?node-id=2030-183&t=mVGUjOgL3aVKZht-1](https://www.figma.com/design/vcienvPteDFb3ABQCWwQj/C218_UI-UX_CA2_Learning_Portal?node-id=2030-183&t=mVGUjOgL3aVKZht-1)



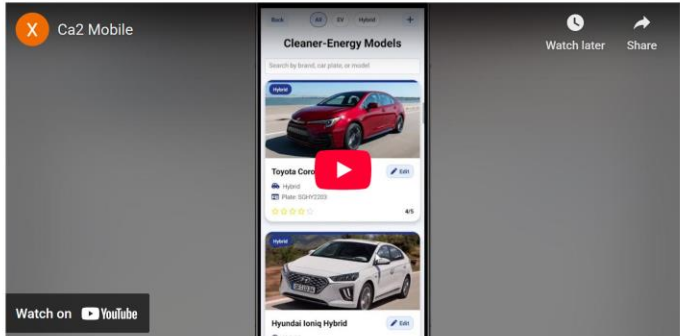
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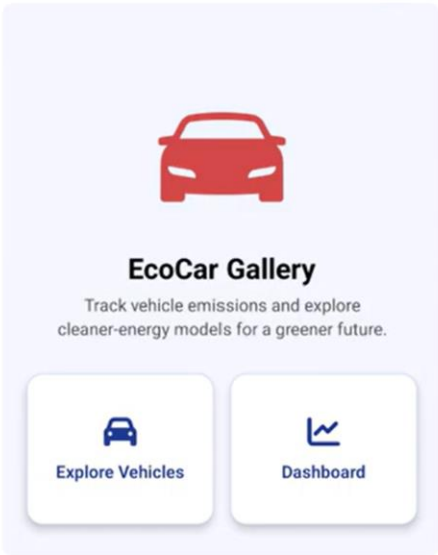
Development Project

Mobile SG green plan car app

We were tasked with developing a solution that supports the Singapore Green Plan. Our team chose to focus on cleaner-energy vehicles. This application helps track newly registered vehicles and provides administrators with an easy-to-read dashboard, allowing them to quickly assess whether the plan is progressing as intended.



Demo Video



App Thumbnail

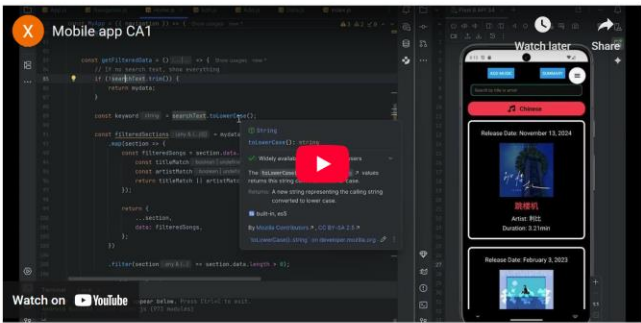
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Development Project

Music app

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Demo Video



Design for music app

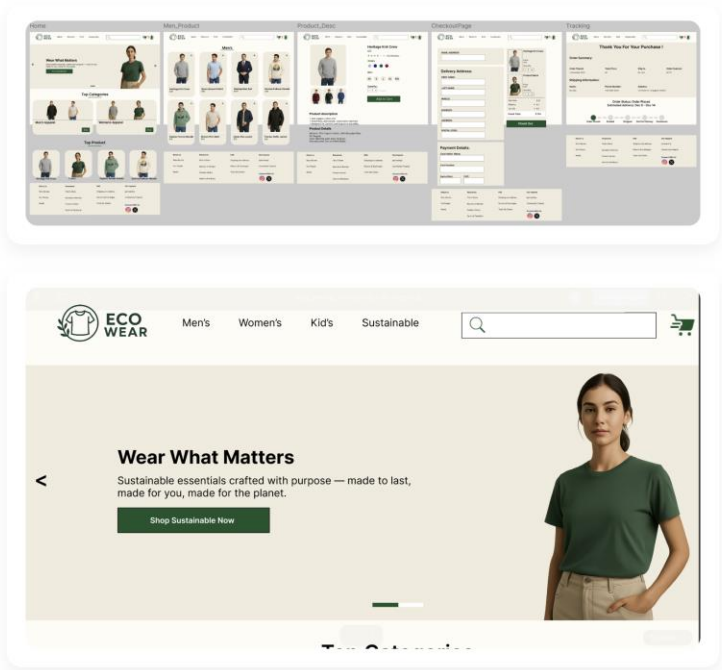
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Design Project

## Sustainable Shopping Webpage (Figma)

Figma design for sustainable shopping app



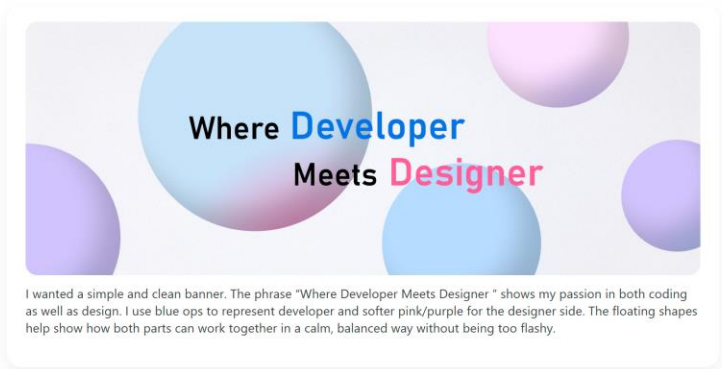
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Design Project

## Digital Banner

Digital banner for my portfolio website



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Design Project

## Instagram Grid

3x3 Instagram Design




I used the sky as the background as it signifies flying overseas. It also helps to create a light and open feeling associated with travel. I also tried to make the poster symmetrical by arranging the location of travel in the hexagonal shape at the top bottom left and right middle of the post. The color palette used is mainly sky blue, white and natural tones than is in the photos. This poster also showcases the global destination as well as the main attraction that customer will be visiting. I place the call to action to the bottom right of the page as I feel it aligns with the natural reading flow making it the last thing the viewer sees after looking at the destinations.

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ME

Let's build something great together. Whether it's a project, idea or just to connect I'd like to hear from you.

Name:

Email:

Message:

Send

Looking forward to connecting with you soon.

X

in

f

e

– Xing Heng

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