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MELBOURNE

SYNAESTHESIA PROJECT

SWEN90009

Presented by Sy_Echidna

START

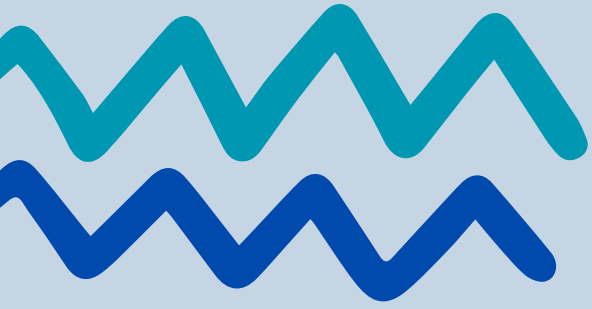
Agenda



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1. Project Team
2. Project Introduction
3. Benefits
4. The Product
5. Usability Test video and feedback
6. Project Handover
7. Challenges and Achievements





Our Team



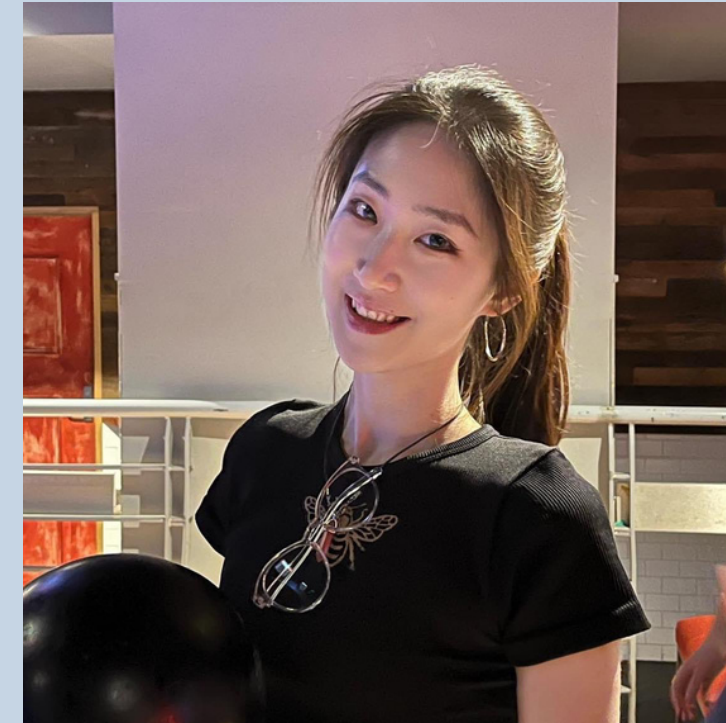
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Jasmine Bond



Cheng Ze Lam



Qingxuan Yang



Kian Dsouza



Jiaying Yi



Supervisor & Clients



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Luke Rosa
Supervisor



Dr. Solange Glasser
Client



Ben Loveridge
Client

Project Introduction



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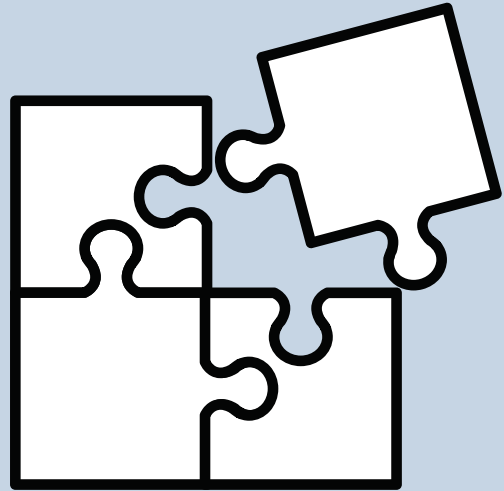
Synaesthesia





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Background

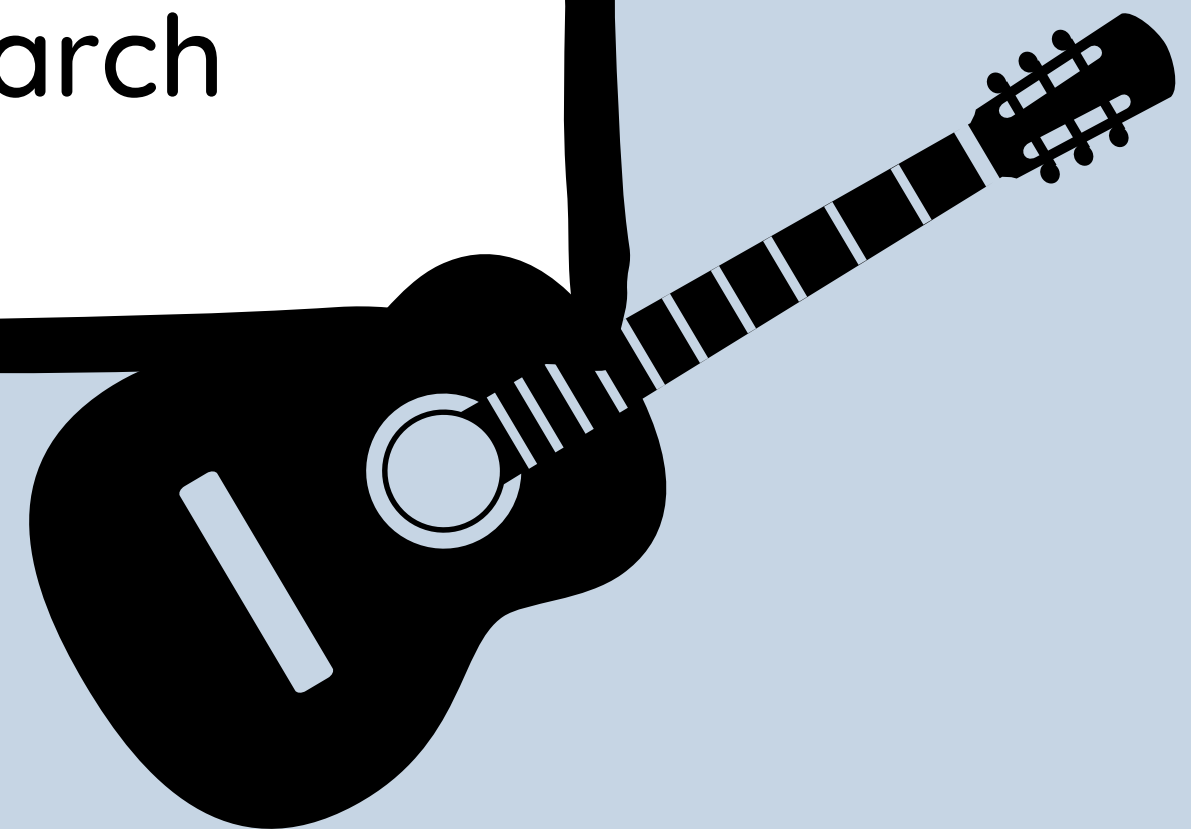


Benefits



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- Easy, intuitive and accessible tool
- Raise awareness about Synaesthesia
- Provide diagnosis and support to
Synaesthetes
- Assist advancement and research



Design



Web Application

Simple Colour Test

Q1 23:00 ▶

Hex: #E89623 R: 232 G: 150 B: 35

Color picked : ☐

☐ Do you see more than one color ?

i

Next

Advanced Imagery Test

Q1 23:00 ▶

Draw Text

i

Next

Diagnosis Tool



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Scenario

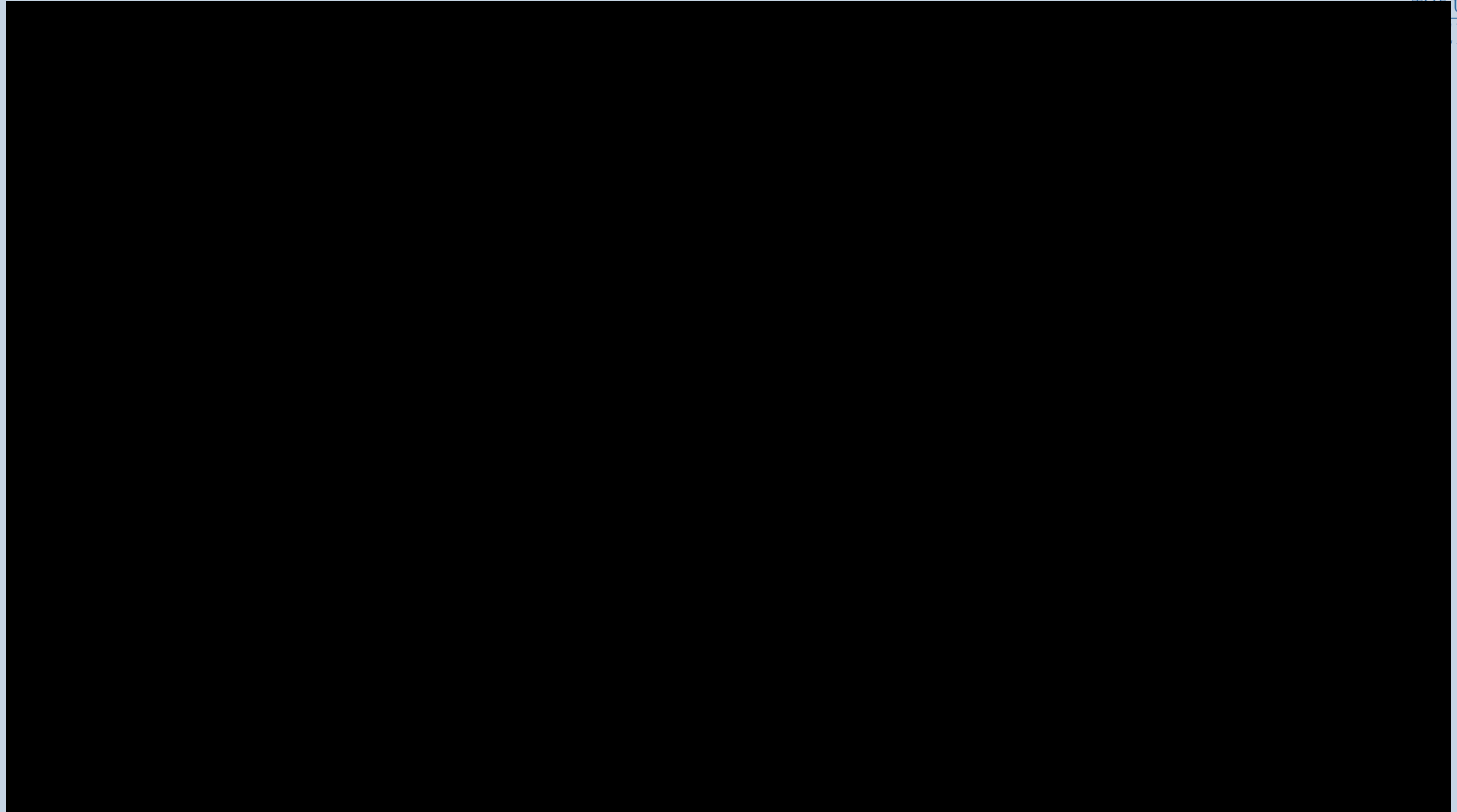
Ayanda (persona) is a student from the University of Melbourne and heard about synaesthesia from her peers. She is interested in it and wants to take the test to find out if she has it



Usability Test



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Feedback & Adjustment

- Client is satisfied with overall of the project, she commented that the product is intuitive and easy to use
- **Feedback 1** : remove play button from the instruction page for all tests
- **Feedback 2** : add a satisfactory slider of scale 1-10 for text option in complex test.
This allows the study participant to choose how closely the image formed compared to the image formed in their brain.
- **Feedback 3** : Rephrase the wording in the thank you page after the study participant finish the complex test

Adjustment 1



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Sy

Simple Colour Test

Q1 23:00

Instruction :

1. Click the play button to play the music and use the slider to play music at selected time.
2. Click the pause button to pause the music.
3. Choose the triggered colour by clicking anywhere in the colour picker
4. Click the checkbox "Do you see more than one colour" to choose multiple triggered colour
5. The colour picked will be shown in a small box. Click the small box to choose the colour again from the colour picker.

Next

Sy

Simple Colour Test

Instruction :

1. Click the play button to play the music and use the slider to play music at selected time.
2. Click the pause button to pause the music.
3. Choose the triggered colour by clicking anywhere in the colour picker
4. Click the checkbox "Do you see more than one colour" to choose multiple triggered colour
5. The colour picked will be shown in a small box. Click the small box to choose the colour again from the colour picker.

Next

Adjustment 2



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Sy

Advanced Imagery Test

Q2

23:00


Draw

Text

a frog

i

Generate an AI based image



Next

Sy

Advanced Imagery Test

Q2

23:00

Draw

Text


a frog

i

Generate an AI based image

Satisfied with the image?

1



Next

Adjustment 3





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Sy

Advanced Imagery Test

Hey Ayanda!






Thank you for taking the test, your test has been emailed to your researcher and they will get back to you soon !




Sy

Advanced Imagery Test

Hey Ayanda!



Thank you for taking the test, your test has been emailed to you and the researcher you included. Please reach out to them for the test result



Future plan

Expectations

1. Provide our clients with a unique experience through our online tool, contributing to both scientific research and personal exploration.
2. We aim to achieve a comprehensive design that meets the diverse needs and expectations of clients.

Next term

In next stage, another team will take over the project and bring it to fruition as a fully functional application. + what to handover



Challenge & Achievement



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Challenge

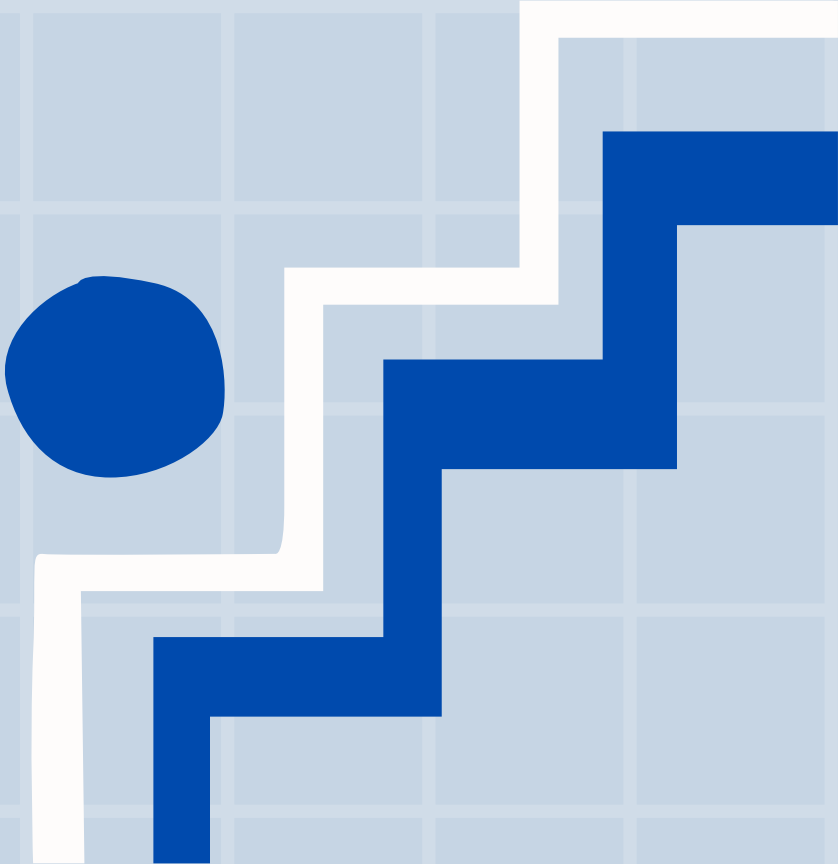
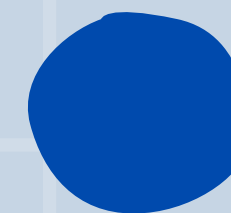
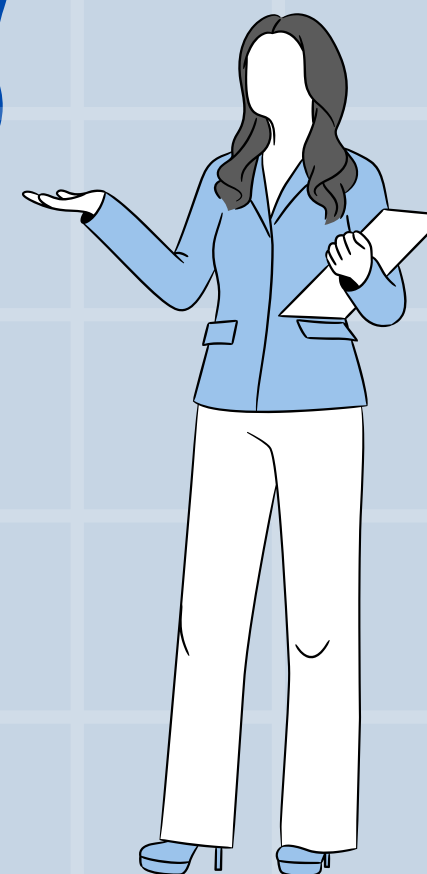
- Unfamiliar Topic
- Unfamiliar platforms

Achievement

- Resolve challenges and deliver the prototype on time
- Successfully working as a team



THANK YOU
SO MUCH!





Q



A



**Question
Time**

