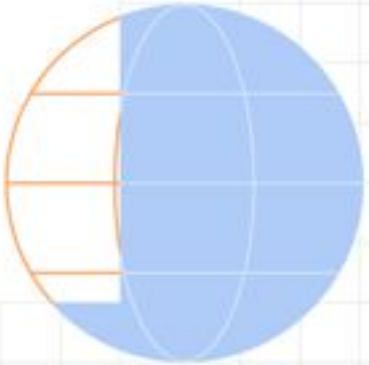
AUTUREC

An educational platform for parents to support the learning of their children with autism

Developer Student Clubs
National University of Singapore



Agenda

1. About DSC
2. Auturec's Mission and Vision
3. User Persona
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About DSC

DSC NUS is an **inclusive** community, **nurturing** learners of technology to **engage** and **impact** communities.

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Mission

To develop a platform for parents to support the learning of their children with autism

Vision

To be the one-stop platform for autism-related information and support in Singapore.

User Persona

Motivations

"John has autism. The school is doing a great job in equipping him with life skills. However, I do wish I can do more to engage him, perhaps not as professionally as his teachers, but be more proactive in his learning journey. "

Challenges

"It is hard to teach him the same way as I was taught. I do not know what to teach John, or how to teach John."

SARAH

39 years old,
John's Mother

Problem

Individuals with autism are finding it **hard to integrate** into the society. Additionally, parents may face **difficulties during the initial stage** when they find out that their child has autism.

Autism Association Singapore (AAS) Eden School's vice-principal, Mrs Patricia Cheng, said it is aware of similar rows involving children with special needs.

She cited an incident in which a child with autism pulled a passenger out of a seat in a crowded MRT train, because he had wanted to sit in his usual seat on the train.

"Persons with autism like familiarity, and don't like changes," said Mrs Cheng.

The child's mother apologised to the passenger, but was scolded for not disciplining her child.

Source: The Straits Times

The learning curve for the preschooler with autism is different from his/her peers. Children often require explicit instruction and practice of the core missing skills in autism in the areas of social interaction, communication, self-regulation and organisational skills. in order to be more independent learners.

Source: Autism Resource Centre Singapore

Current Offerings

	Otsimo	MITA	BETTER CARER	Face2face
Description	Certified special education app for parents and for kids.	Puzzle games shown to develop **multiple cue responding**, **mental integration** and **language acquisition** skills.	Online platform hopes to make learning about autism fun for caregivers.	A mobile application that encourages interaction and parent-child bonding and improves **literacy skills**
Pricing	Play one free game for every category Monthly: $20.99 Annual: $164.99 Lifetime: $229.99	Monthly : $0.99	Free	Unknown
Connectivity	Blog feature	Track progress on Cloud	None	Track progress
Unique Points	• Certified • Games across 50 broad categories	• Games across many broad categories • Many languages	• Provide insights from psychiatrists and professors	• Mirror keypad • Allows personalisation of words and pictures • Voice and visual prompts to stimulate interaction

Our Offering

A **free** progressive web application that aims to...

Be an engagement tool for parents to use with their children

Provide recommendations based on children's performance in Auturec's activities

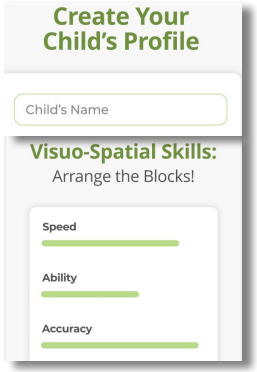
Allow parents to freely discuss common topics with other parents

Be an information bank with professional insights

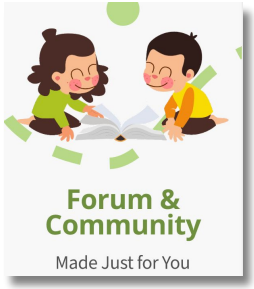
Contextualise our web-application based on the needs of the autism community in Singapore

Our Features

Customisable activities to develop different skill sets



Dashboard to track performance and provide tailored recommendations



Forum, Testimonials & FAQ for engagement and professional insights

Professional insights on web application features are provided by **Nurture Pods Pte Ltd**

Minimum Viable Product

A simple game of matching the occupation* to the picture correctly.

*Please refer to giphy link for full user flow of the occupation activity

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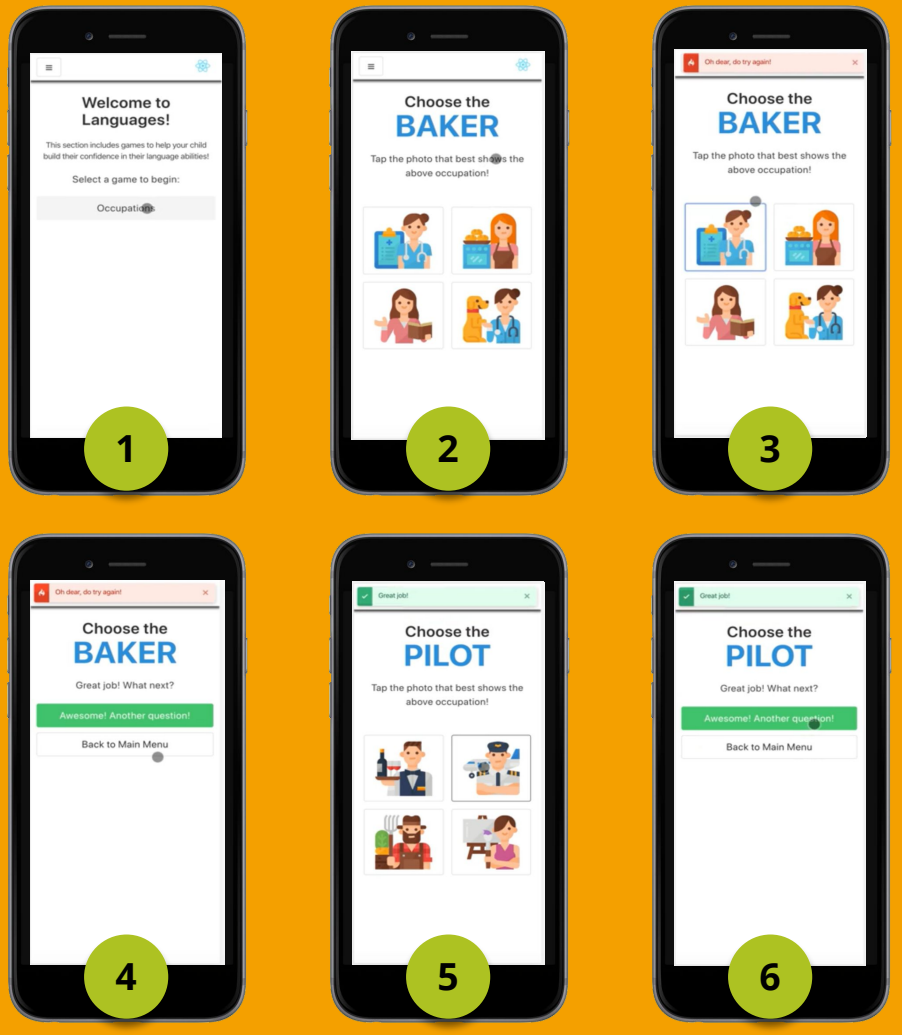


Seeking Collaboration

to further contribute to the autism community

Opportunities to engage parents of children with autism

Seek guidance from professionals in the special needs sector

Better publicise web-application to parents

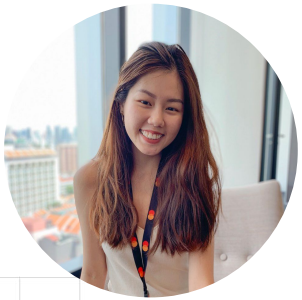
External Team A

Brandon Ng
Project Head (Technology)

Lim Jia Ming
Project Head (Business)

Rohan Dev
Partnerships Executive

Rachel Hartono
Marketing Executive (Design)



Vanessa Yap
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