# DAIVERGENT breakingdowntheisolationist ways

WORLD ECONOMIC FORUM 2025



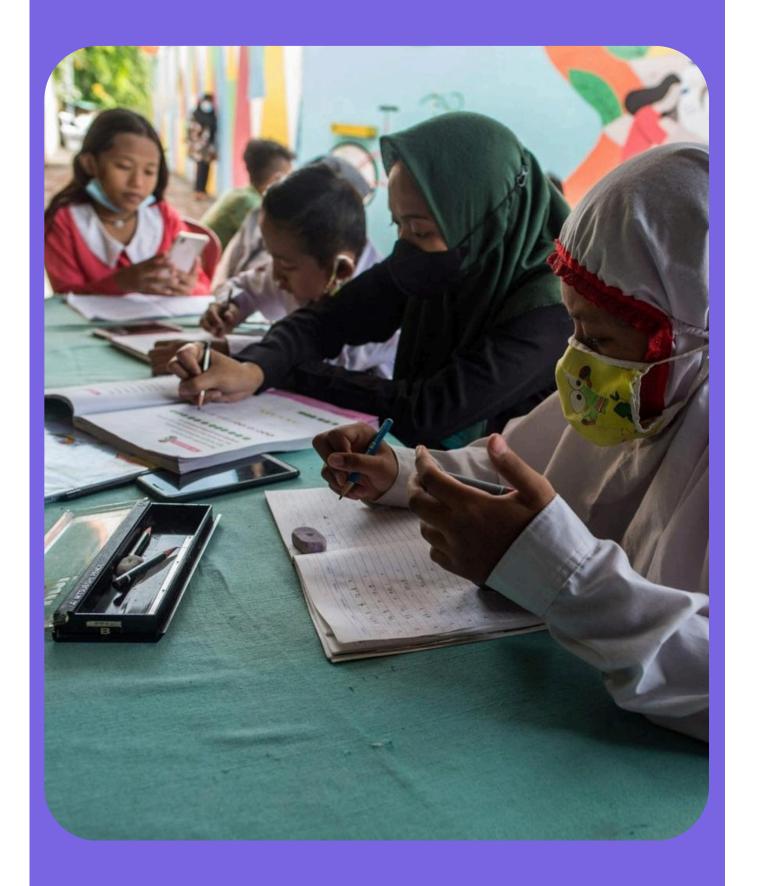


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# THe Problem

a huge barrier preventing a fit into educati

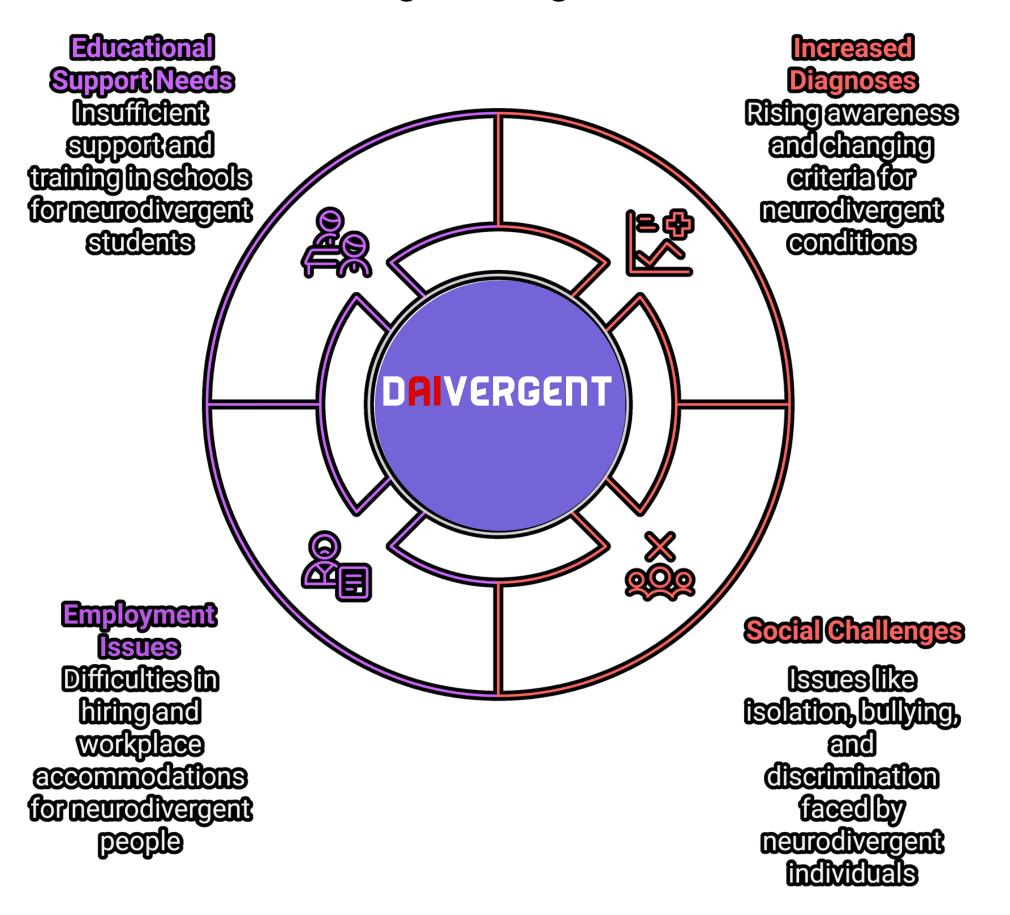




### **PROBLEMS**



#### Neurodivergent Challenges and Needs





#### PROBLEMS

## Financial Problems



Most families with neurodivergent children struggle to maintain an even flow of money, whether its medical bills, special schools or other costs. Families with less income have a harder time providing these essential costs leading to the neurodivergent children to have a huge barrier preventing a fit into the mold of education.

### Statistics

#### TIME

The Lifetime Cost of Autism Tops \$2 Million per Person

## The Boston Blobe

Special education is becoming more expensive for schools. That's one reason why they can't pay educators more.





## Educational Problems



The school system is like a mold desperately trying to squeeze in neurodivergent students. without the proper means of education these people will go on to have a harder time in their adult lives. A lack of proper education could cause unemployment, and if employed, struggle to maintain a job.

## Statistics



**Our Nation's Public Schools are Failing Neurodivergent Learners. That Needs to** Change.

By Christina Cipriano Feb 14, 2024

### The Enquirer

Job rejections have piled up since disclosing my disability on applications | Opinion

Samuel Adams Opinion contributor

Published 9:04 a.m. ET Jan. 29, 2024 Updated 9:05 a.m. ET Jan. 29, 2024





#### PROBLEMS

## Integrational Problems



Education also involves a social gathering, cultivating friendships that lasts lifetimes, yet, even neurodivergent people without social limiters are targets of bullying because of the lack of integration, also missing out on these formative years of their lives socially speaking, which can lead to even poorer social skills in adulthood, isolation or depression.

## Statistics

## The Guardian

The truth about ADHD and autism: how many people have it, what causes it, and why are diagnoses soaring?

### TIME

America Has Reached Peak Therapy. Why Is Our Mental Health Getting Worse?

15 MINUTE REAL





#### PROBLEMS

## Emotional Problems



A lack of a good integration can lead to isolation, isolation can destroy neurodivergent children, and it happens that suicides in neurodivergent people has skyrocketed in the current decade. As more and more people with neurodivergence have to deal with the emotional turmoil of an education system that isn't catered to them, there isn't really a good solution.

## Statistics



SUICIDE

## 6 Reasons Autistic People Are at Greater Risk of Suicide

Ongoing research shows an increased link between autism and suicidality. Why?



I'm going to be blunt: our neurotypical school system is the problem Elly Desmarchelier







# the Solution

WE ARE BREAKINGDOWNTHEISOLATIONISTWAYSOFLEARNINGSCHOOLTEACHES US TO DO.





## Adaptative and Impactful education as a ser



## Constant Adaptability







## Why it works-

The help we provide is that we break the barrier to get neurodivergent students impactful education.

We get them to same academic level or higher than their classmates. When students are at the same academic level, and neurodivergent students aren't considered worse, which lessens bullying they can become just a regular student in the eyes of their classmates, helping with them being integrated as part of the class. We also help neurodivergent students be as prepared if not more so than their classmates, which can help them secure higher paying jobs in the fields they want to work in. We also help them with their financial difficulties as they no longer have to spend thousands of dollars per week on tutors, and alike.







## Education with IMPAGT

We are breaking down the isolationist ways of learning school teaches us to do.

We are using VR and AI to impulse neurodivergent students to a new height, helping them get better academically and have a shot at a great career.

We will use VR and AI to unleash the best possible engaging multi-sensory environment where the student leverage their full potential to absorb knowledge in a enjoyable non-judgmental form.

Our mission is to help neurodivergent students by transforming this idea into a reality, and providing the students with all the support and opportunities to thrive and succeed, ultimately helping them be more integrated into society with a successful future ahead of them.





## UsEr Journey

Student fills out a form detailing struggles and learning preferences

Step 1

Al adapts based on the student's input

Step 2

Al optimizes learning through trial and error inside the VR space created for the student

Step 3



#### SOLUTION TO A PROBLEM

Students would use the VR goggles to take classes that usually are very hard for them. Let's take myself as an example, I have dyslexia. Subjects like Spanish, are harder for me than other subjects. What I would do is go to where the VR glasses are stored and use one, log into my account and start reviewing the Spanish subject as an after school and my study method

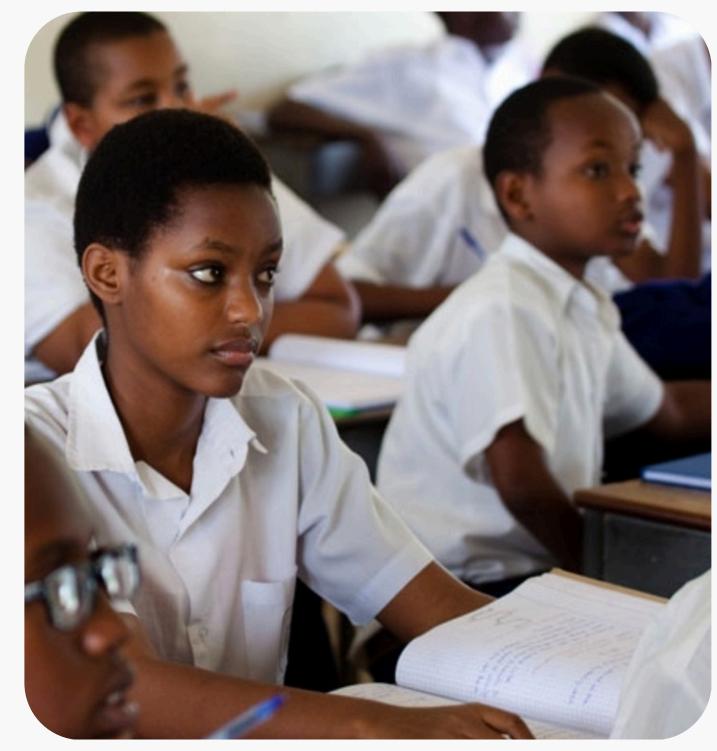
# Use case 1 Dyslexia from personal experience





# Use case 2 AdhD

Students with ADHD will usually struggle with paying attention in slow paced classes like Social Studies, so for subjects like this, they can use the VR goggles and get put in an adaptive environment that helps them not only learn, but stay focused on the subject they need to focus on. This will help not only in grades but also the students productivity and mental wellbeing, which will help the student become more successful academically.





## Use case 3

## Autism

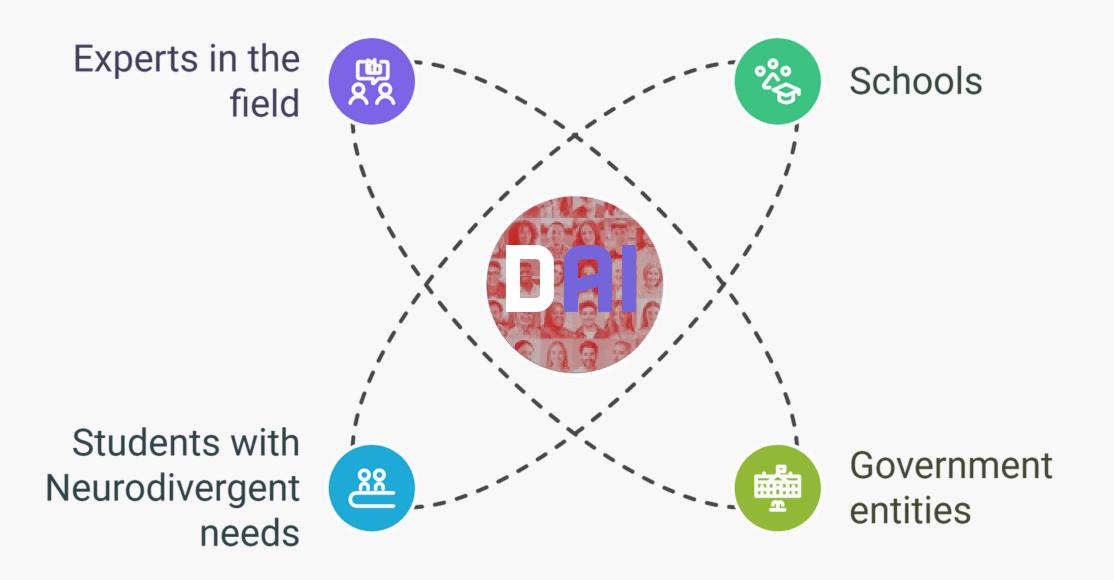
Students with autism can struggle in classes such as Science, as they could be at a higher risk while doing the actual experiment and seeing it with their own eyes, which is the easiest if not the best way to learn these subjects. To help in cases like this, the students could use our product to do the experiment virtually without any risk of danger







Components of Neurodivergent Support



We are harnessing the power of VR and to elevate neurodivergent students, enabling them to excel academically and pursue fulfilling careers.



Psycological and technical experts



Public and private highschools



Students with neurodivergent needs, like those with ADHD and dyslexia



Governmental entities that handle public schools and health.



## Metrics and Impact

## WHat is the impact we want now do we determine In

that neurodivergent students have the opportunity to achieve successful and fulfilling careers.

Wewill useacademicresults such asgradesbef We aim to dismantle educational inequality while ensuring our product to make sure students are understanding and remembering the information them.

> Another thing we will do is to measure how much neurodivergence affects and interacts with the cu





# Execution





#### A VIABLE BUSINESS

## Competition



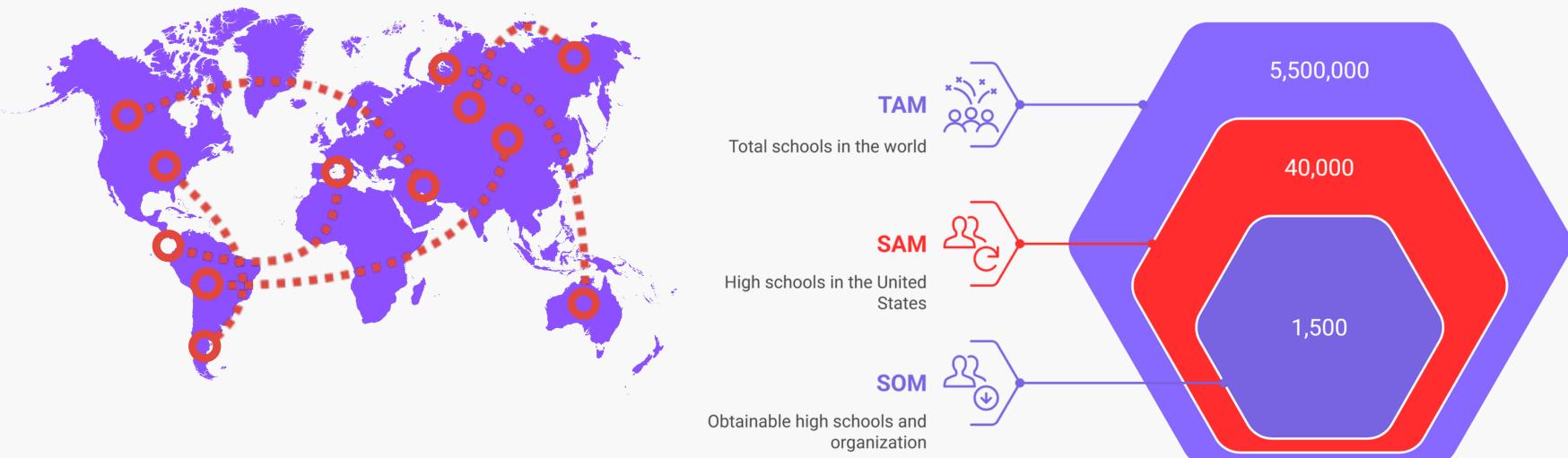
	COGNIFIT	MINDMAZE	TUTORS	CLASSVR	DAIVERGENT
ADAPTIVE LEARNING					
EDUTAINMENT					
COMFORTABLE ENVIROMENT					
EDUCATIONAL SUPPORT					
COST	\$	\$	\$\$\$	\$\$\$	\$



DAI

## Market Fit

## More than 375 million neurodivergent students



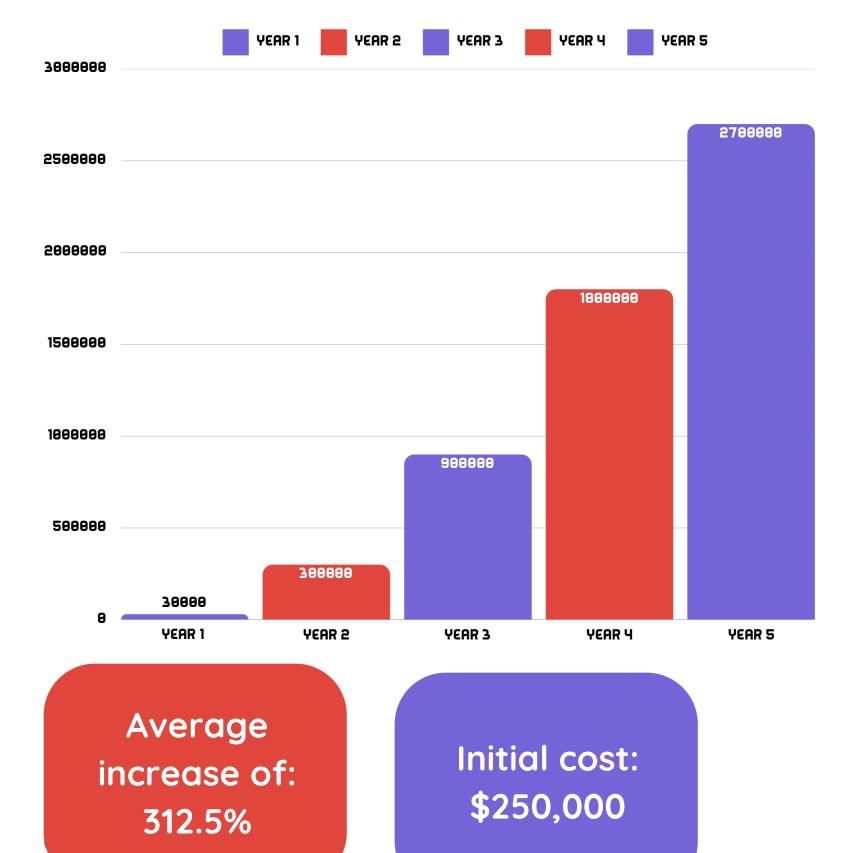




#### A VIABLE BUSINESS

## Company Traction





As schools realize how well our product works and helps their students, and helps reduce their costs and costs for parents, more schools will want to get our product helping us expand. We will also use word of mouth, social media, seminars, demonstrations and strategic alliances with charities, businesses, NGO's, and more to help schools and students to get to know our product



#### MARKET

## Business Model



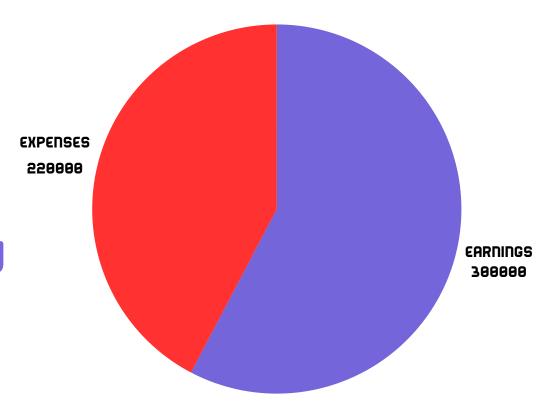
#### **Earnings**

We generate reoccurring revenue through licensing

B<sub>2</sub>B

#### **Expenses:**

Cloud Servers
Al development
API, LLM developing
Programers



#### **Prices**

\$99.99 Monthly per user or \$999.99 Yearly per user







## Business model canva



Key Partners	Key Activities	Value Proposition	Customer Relationships	Customer Segments
<ul> <li>Technological providers</li> <li>Entities, educational</li> <li>NGO's</li> </ul>	<ul> <li>Application development</li> <li>Testing and validation</li> <li>Marketing and Promotion</li> </ul>	<ul><li>Personalized education</li><li>Accessibility</li><li>Reduced costs</li></ul>	<ul> <li>Personalized Attention</li> <li>Online Communications</li> <li>Feedback and fourms</li> </ul>	<ul> <li>Neurodivergent Students</li> <li>Schools and Universities</li> <li>Educational entities and Governments</li> </ul>
	Key Resources		Channels	
	<ul> <li>Content platforms</li> <li>Infrastructure</li> <li>Technology</li> </ul>		<ul><li>Educational entities</li><li>Fairs and expositions</li><li>Digital marketing</li></ul>	

Revenue Streams
<ul> <li>Software license</li> <li>Governmental incentives</li> <li>Help services</li> <li>Sponsorships</li> </ul>



#### MARKET

## Brand Exposure

### Our objective:

Make school, students and parents understand the importance and impact of teaching neurodivergent people the right way rather than the traditional way.

### **Key Concept:**

Prioritizing the education of neurodivergent students and their needs.

#### Key messages:

#### **Impact**

Highlight how partnerships with our product can help make a impact in education for neurodivergent students

Makes known we all learn different and providing students with global learning and research opportunities

#### Visibility

Associating stake holders visibility to innovative technology in the education and neurodivergent fields.

#### Sustainable

Underline the importance of developing solutions to adress the growing neurodivergent population

#### Research

Showcase opportunities for research institutions, psychiatrist and technological companies to o apply their insights in real-world situation.

### **Brand Positioning:**

Integrated and global scalability

High impact, high quality projects

### Marketing strategy:

Partnerships:

Partner with schools, NGO's and governmental institutes.

Webinars: Demonstrate the capabilities and usefullness of our product as well as helping people know who we are

Social Media: Utilize social media like Instagram, X, TikTok and Youtube to share the impact our product can make





The market size is such a massive niche that if we capture the entire market in the U.S.A we would have over 25,000 high schools and over 7 million students we would help in the U.S.A. alone. With the income we earn we can hire more experts in these fields to help us make the best product possible with the new technology that comes out every year. This way we can expand not only where you can find our product, but also expand its use to work on neurotypical students and maybe higher grades like university students.





## Financial Impact

Families who couldn't previously afford tutoring which is 20\$ to 150\$ per hour now pay a small fee of less than a dollar per day\*. Tutors are even benefited with a support from the service to work in conjunction, provided the family can afford it. If they cannot, the service is well able to work on its own.





## Educational Impact

Neurodivergent students are going to be more engaged in their studies, learning in the most optimal way our revolutionary AI deems. The subtext of being in a game will cause them to be even more engaged while still acing all of their classes, and since the product is catered towards 7th to 12th graders it doesn't fall into the big mistake of infatilizing that other edutainment companies fall into.





**ALL IN** 

## INTEGRATIONAL Impact

Students will get a big morale boost from their new found good grades with engaging studying methods. A higher morale means more confidence for students who are looking to make friends but struggle to. Neurodivergent children can even bond over the stories or methods the AI presents to them.





**ALL IN** 

## Emotional Impact

No longer tied to their books, neurodivergent children can look forward to studying. They can look forward to school and awake their curiosity like never before. The stress school creates will be heavily limited as the child wont feel alone, they will have the support they need.





# Final remarks



## Who are we



Edilberto Moreno Sinisterra

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> "You can'tbe afraidto fail. It's the only wayyousucceedyou're not gonna succeed all the time, and I know that." - Lebron Raymone James Sr



Juan Felipe Rabat

jf.rabat.tejedor@Hotmail.con

+5076777-7565
"Strive not to be a success, but rather to be of value." - Albert Einstein





## Challenges and experience

Some challenges we faced include thefactthat two of our team members left, we were stuck without and idea of what to do, or even where to start We came to this idea as Juan Felipe has dyslexia, Edilberto has ADHD and his sister Fernanda has been diagnosed with Down syndrome since she was born. Through wits and merit we pushed forward making this idea with the help of Alex Marroquin, who was provided as mentor, he helped with the presentation, making sure numbers were correct etc. Without the help of Alex, we might no have gotten this far, but even if the odds are stacked against us, we keep moving foward.

From this experience, we learned to work efficiently, organize time, and better utilize apps like Canva and Excel. We improved public speaking, emotional management, and recognized the importance of resilience and adaptability. Collaborating with a diverse team enhanced our problem-solving skills and enriched our project by leveraging unique strengths. Overall, this experience strengthened both our technical and interpersonal skills, making us more effective collaborators and communicators.





## Executive Summary

#### **Problem**

Neurodivergent
students face financial,
educational,
integrational, and
emotional barriers due
to traditional education
systems These students
often struggle with
fitting into the mold of
traditional education,
leading to difficulties in
academic performance,
social integration, and
emotional well-being

#### Solution

DAIVERGENT offers
adaptive and impactful
education as a service,
breaking down
isolationist learning
methods through VR
and Al. This multisensory environment
helps students leverage
their full potential in an
engaging, nonjudgmental form

#### **Impact**

**DAIVERGENT** focuses on eliminating educational inequality for neurodivergent students by enhancing their academic performance, social skills, and emotional well-being. This support aids their integration into society and prepares them for better-paying jobs, alleviating financial burdens on families.





## All the Tiny Details You Might Need: Additional Research & Playbooks

#### All links and statistics

https://www.psychologytoday.com/intl/blog/women-with-autism-spectrum-disorder/202302/6-reasons-

autistic-people-are-at-greater-risk-of

https://time.com/2849264/the-lifetime-cost-of-autism-tops-2-million-per-person/

https://www.edsurge.com/news/2024-02-14-our-nation-s-public-schools-are-failing-neurodivergent-

learners-that-needs-to-change

https://www.bostonglobe.com/2024/11/17/metro/special-education-teacher-strikes-north-shore-beverly-

gloucester-marblehead/

https://www.cincinnati.com/story/opinion/contributors/2024/01/29/the-americans-with-disabilities-act-

has-failed-opinion/72325914007/

https://www.theguardian.com/society/article/2024/jun/01/the-truth-about-adhd-and-autism-how-many-

people-have-it-what-causes-it-and-why-are-diagnoses-soaring

https://time.com/6308096/therapy-mental-health-worse-us/



## Thanks colaborators



This product offers an alternative to neurodiverse students who may find the modality and temporality of the method attractive.

There are some programs for patients with posttraumatic stress and phobias, as well as computerized training for working memory. "This project can be an interesting educational prototype for the neurodivergent population but also for neurotypicals."

-Susana De Leon, MD









Offering an option like the one presented by DAIVERGENT for specialized education to students with neurodivergence would not only recognize the uniqueness that such students require, but would give them the tools necessary to thrive in a world that often does not accommodate their needs. Investing in the potential of students with neurodivergence is investing in a more inclusive and enriching society."

#### **-Lucy Molinar**

Minister of Education, Republic of Panama





