

A young boy with dark hair, wearing a red and white striped shirt, is smiling and holding a drawing board with a grid. He is in a classroom setting with other children in the background. The image has a soft, warm tone.

TEAM YUKTHI

EQUAL ACCESS TO EDUCATION

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PROBLEM STATEMENT

The current practice of separating students based on their disabilities, such as being deaf, dyslexic, or non-native language speakers, and assigning them to different schools, raises concerns of discrimination and inhibits the goal of inclusive education. This practice unintentionally reinforces societal divisions and perpetuates the idea that individuals with disabilities are fundamentally different from their peers. It restricts opportunities for academic, social, and emotional growth by limiting interaction and understanding among diverse groups of students. Furthermore, the segregation may lead to unequal distribution of resources, creating disparities in educational experiences and outcomes. Addressing this issue is crucial to foster inclusive learning environments that promote equal opportunities, respect diversity, and encourage meaningful interactions among all students, regardless of their disabilities.



A group of children, mostly of South Asian descent, are shown from the chest up. They are all smiling and looking towards the camera. Several children have their hands raised in the air, some with fingers spread. The background is slightly blurred, showing what appears to be an outdoor setting with a reddish-brown wall or structure. The overall tone is positive and hopeful.

ARIVAGAM.

END TO EXISTING EDUCATIONAL SYSTEM

ARIVAGAM.?!

Arivagam, a comprehensive learning platform, offers equal education opportunities to all students, regardless of their abilities. Through Arivagam, students of diverse backgrounds and abilities attend the same course, where course content and communication are tailored and translated according to individual preferences and needs. This inclusive approach promotes equal access to education, fosters understanding among students, and celebrates the unique strengths and perspectives of each learner.



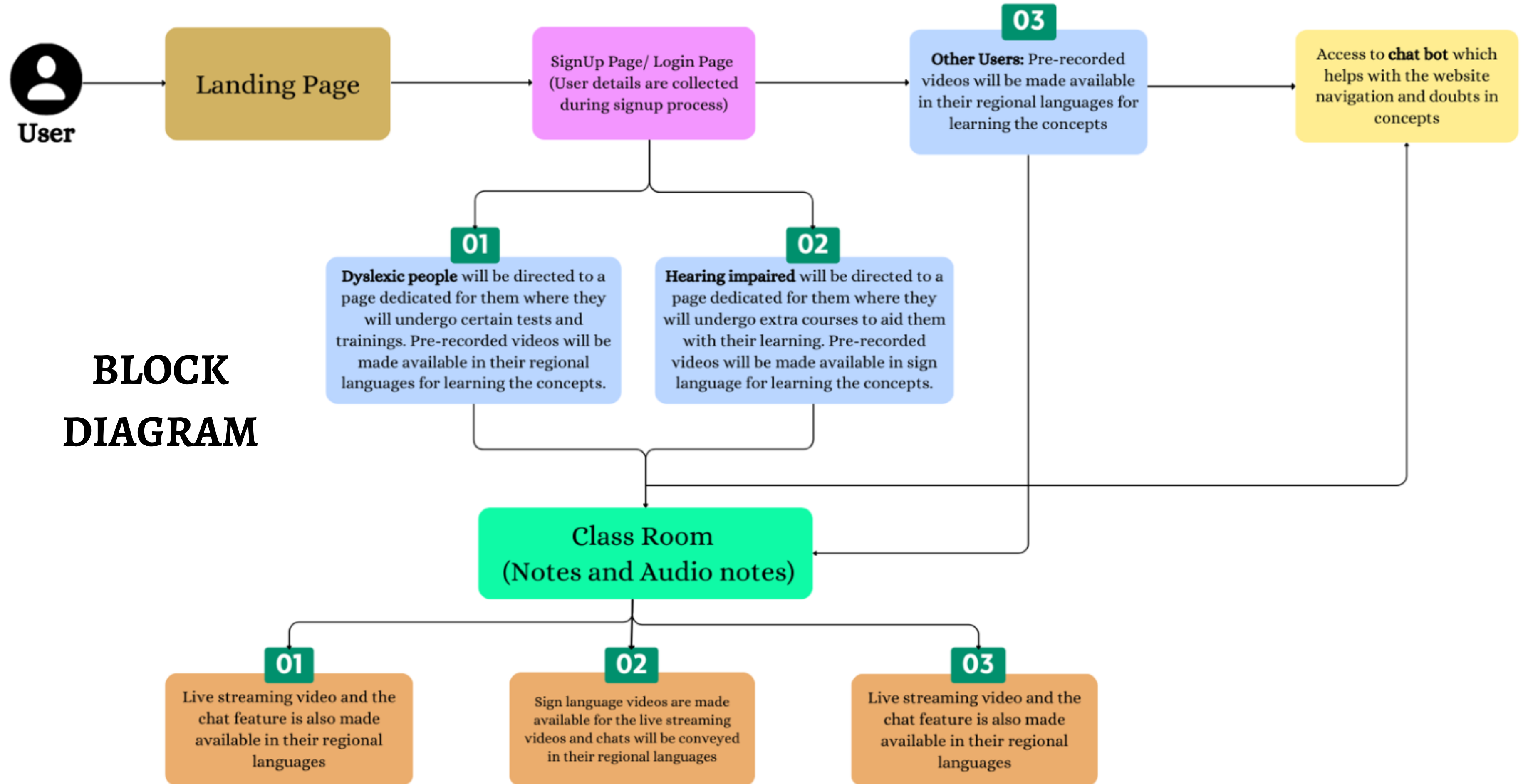
FEATURES

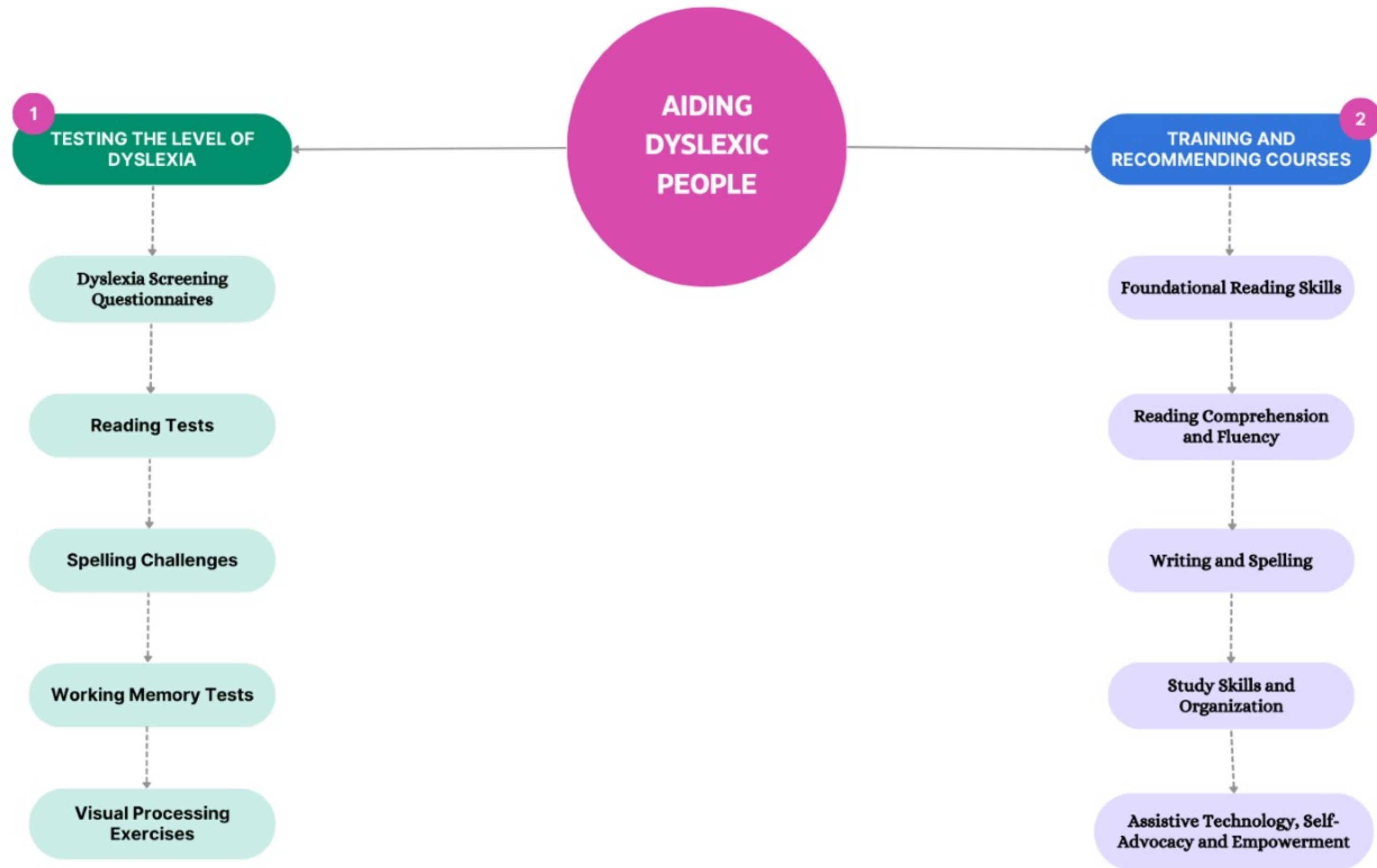
- In addition to providing equal education opportunities, Arivagam incorporates various features to enhance the learning experience. The platform offers a built-in chat functionality that enables students to engage in meaningful discussions, exchange ideas, and collaborate with their peers.
- Furthermore, students have the ability to take notes within the platform, allowing them to organize their thoughts and review important information conveniently.
- To further support their learning journey, Arivagam features an interactive bot that serves as a guide, providing assistance, answering queries, and offering personalized recommendations based on individual progress and preferences.

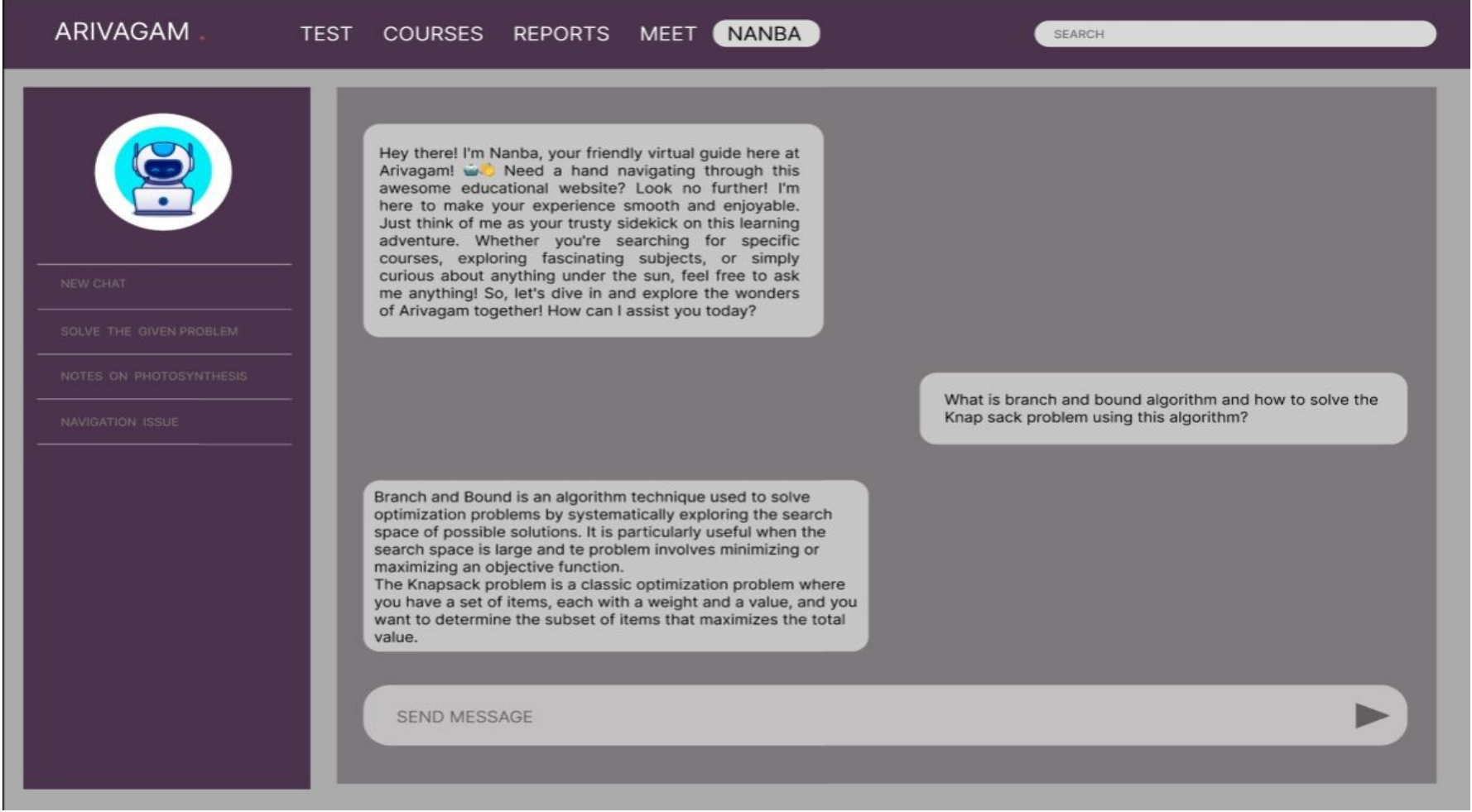
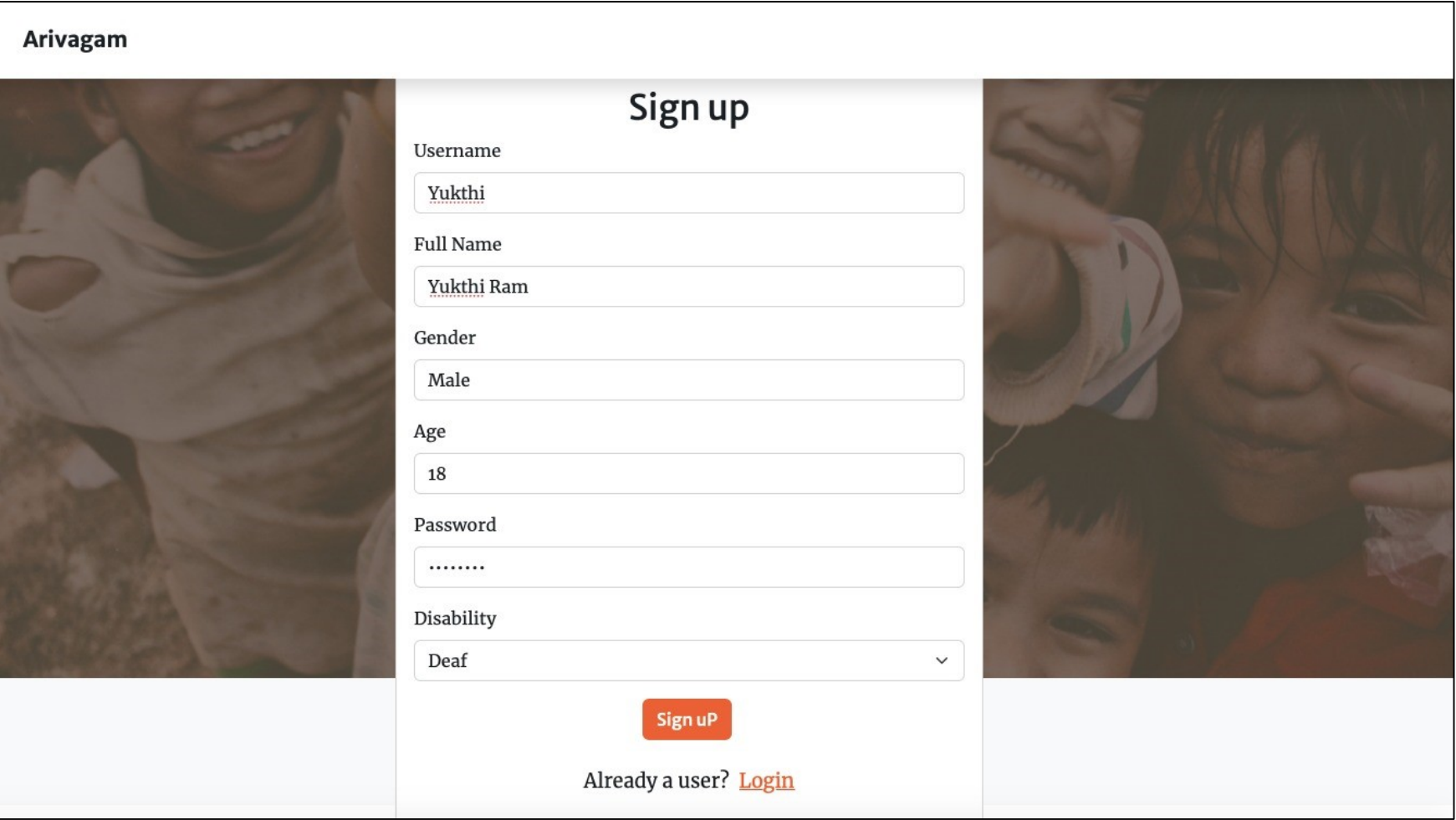
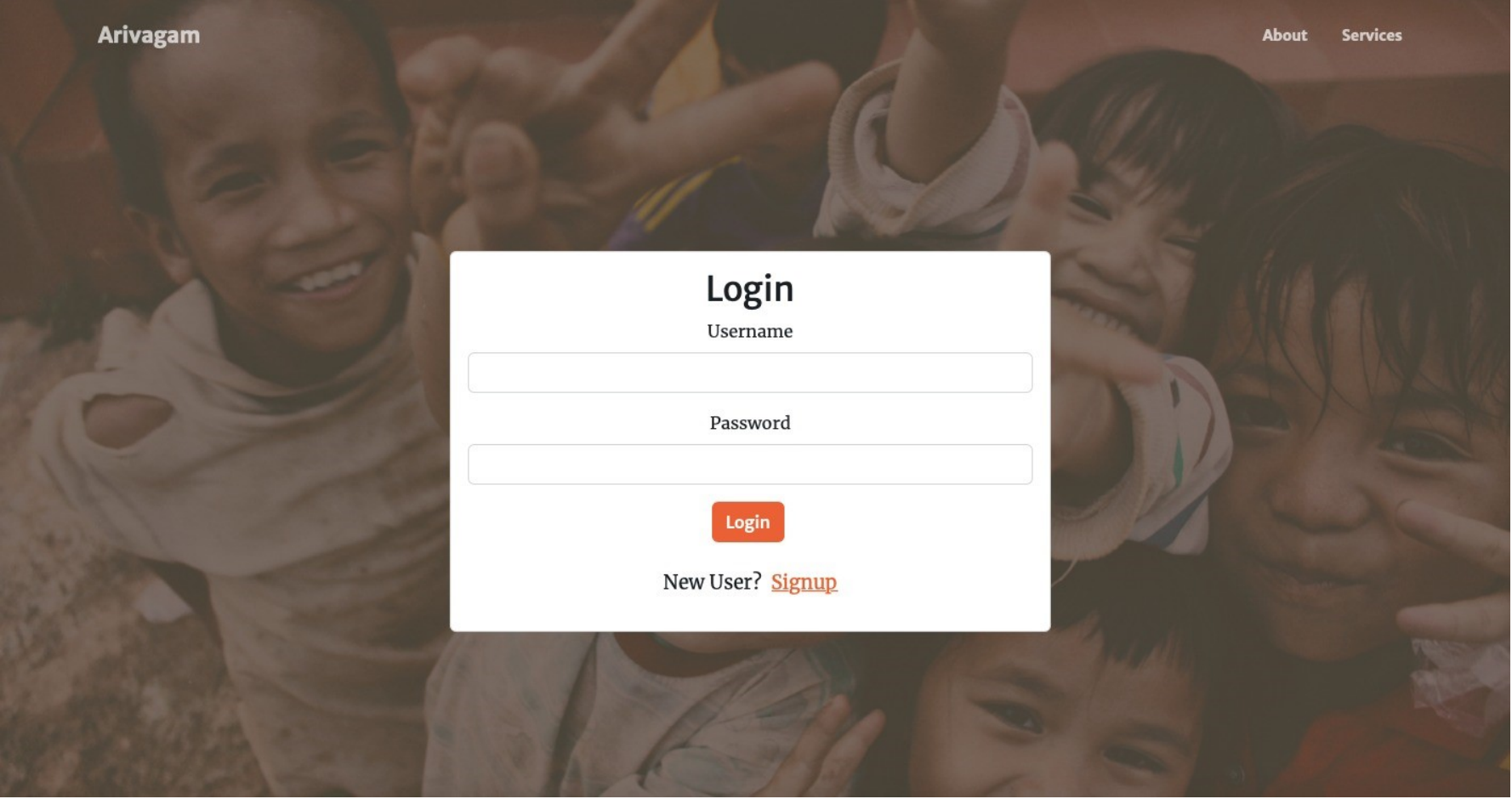
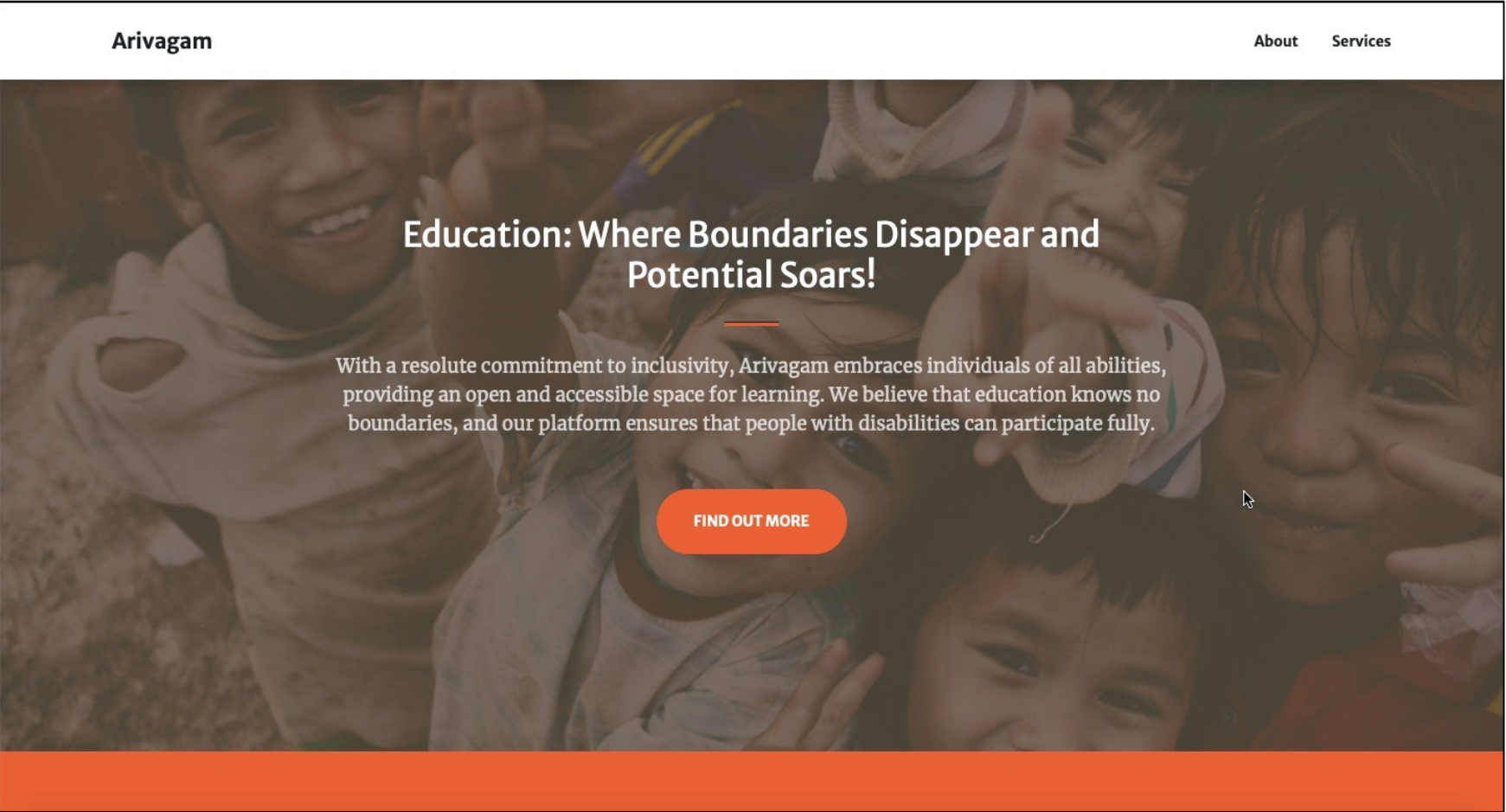
These additional features aim to create a comprehensive and supportive learning environment, fostering student engagement, knowledge retention, and overall academic success.

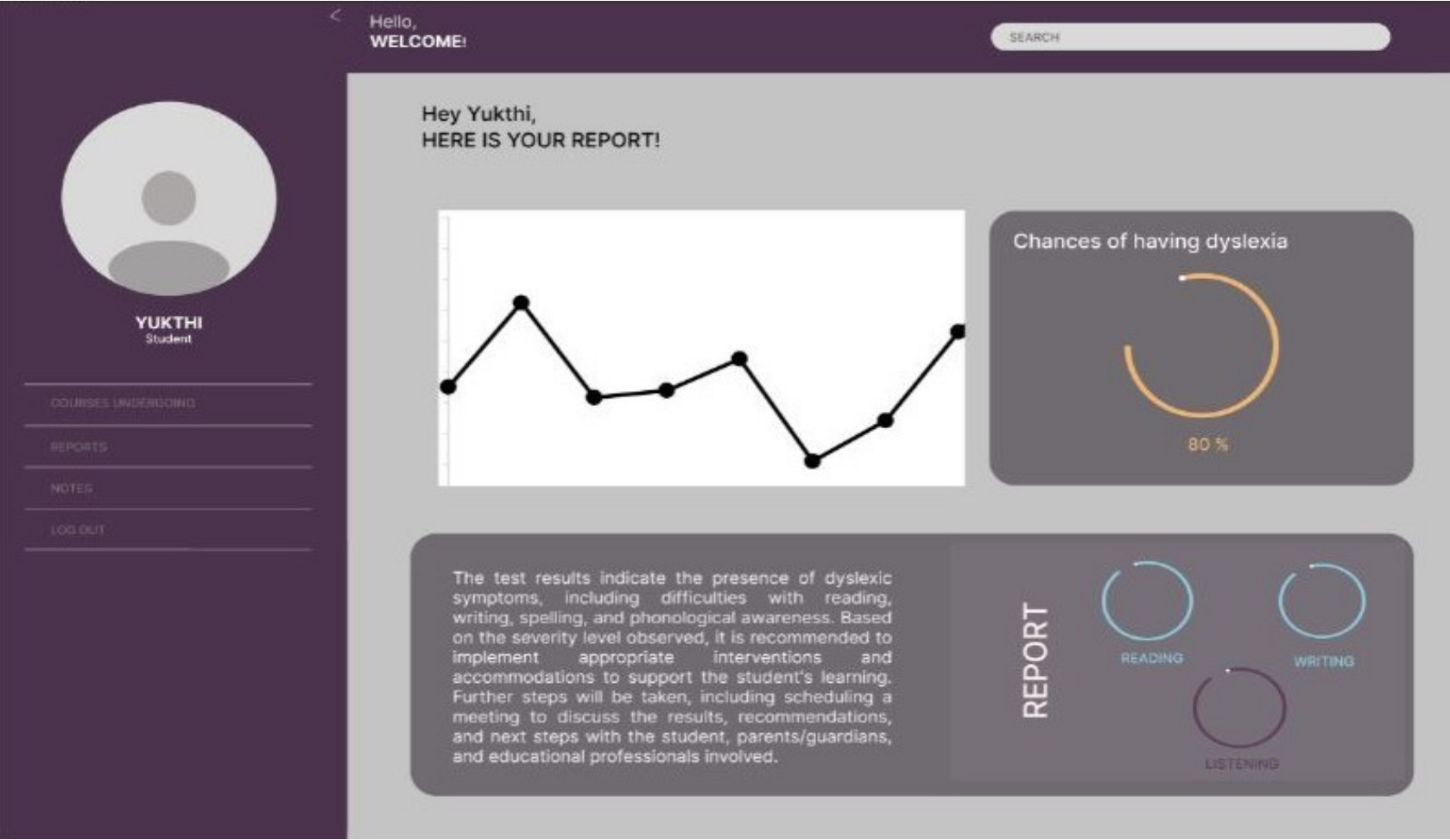
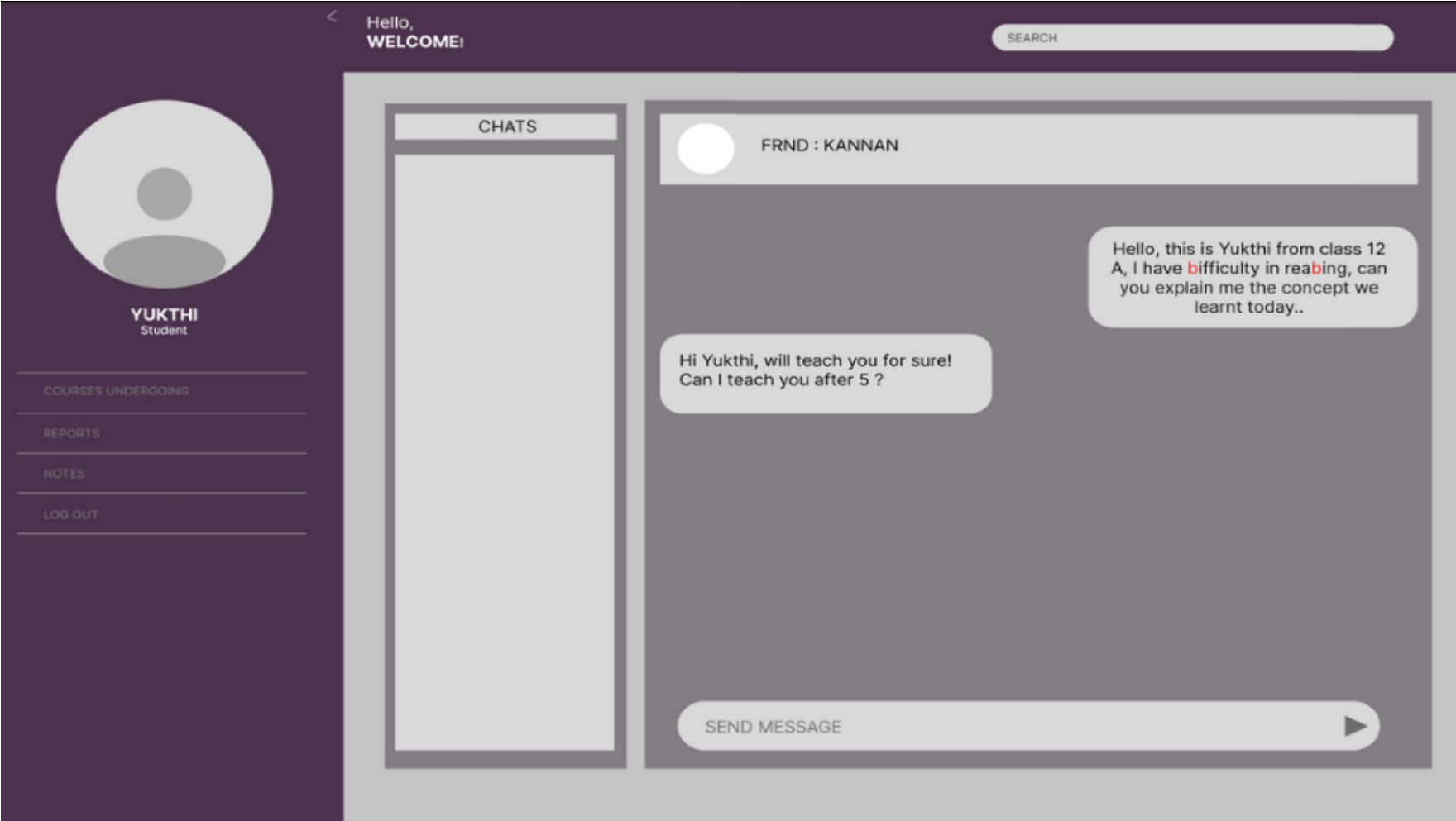


BLOCK DIAGRAM









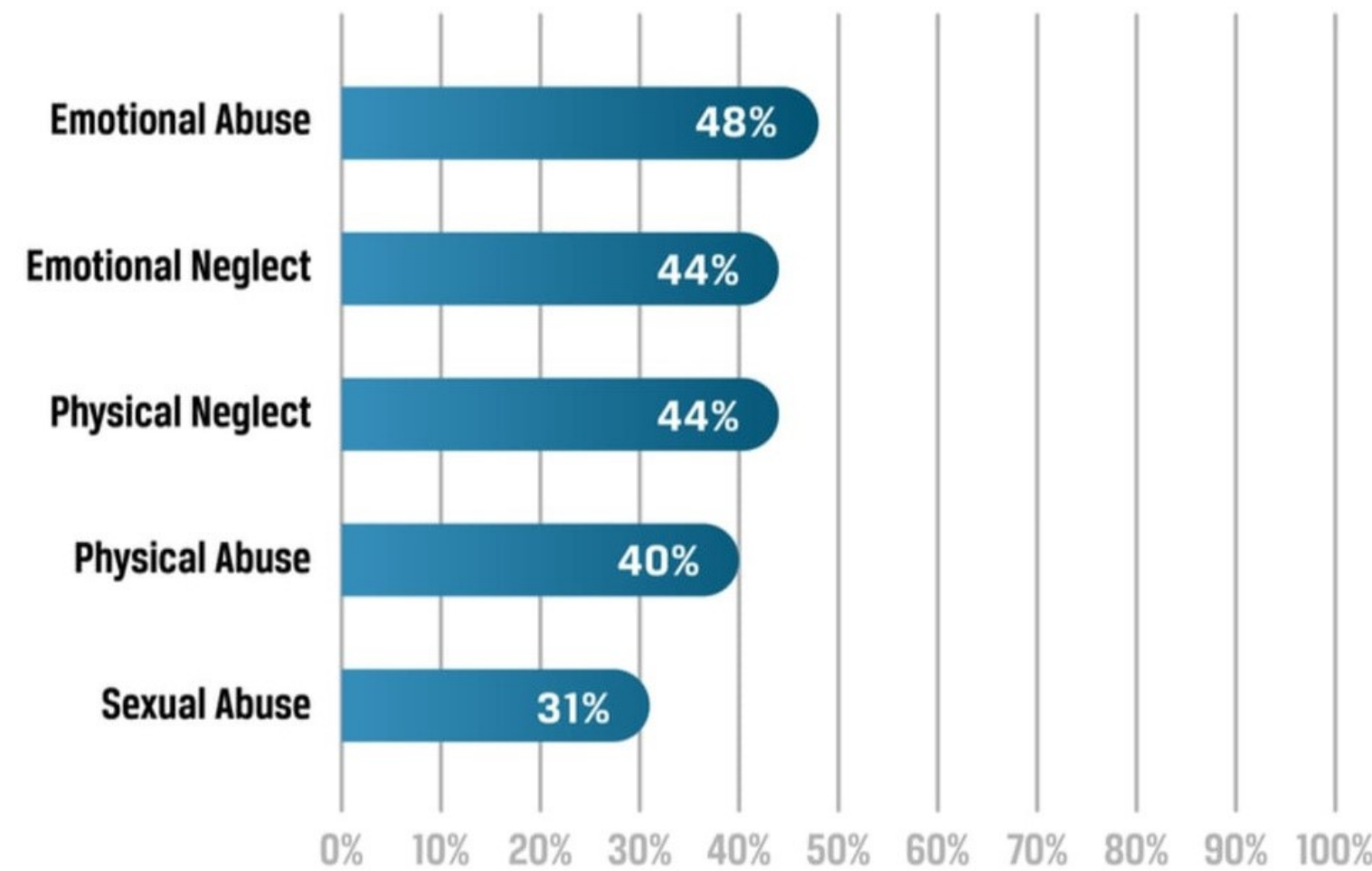
NEED FOR OUR SOLUTION IN MARKET

In India, there is a lot of problem in the education sector for the deaf. There is hardly anything they learn in deaf school from class 1st-12th as the teachers focus on oralism.

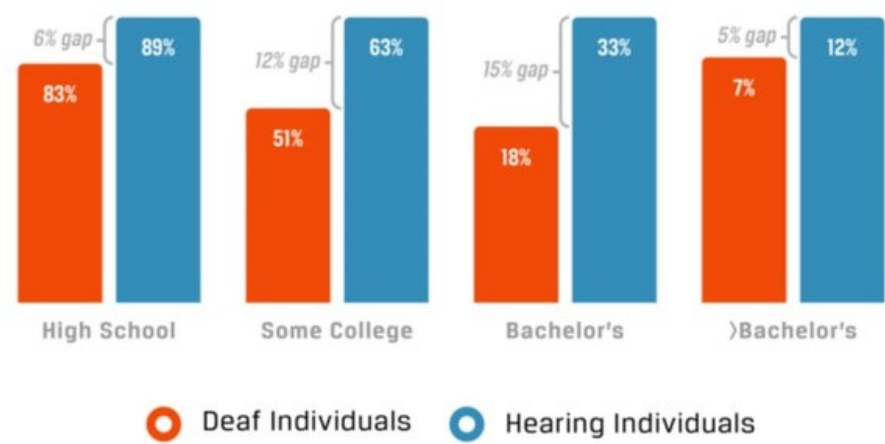
When deaf children insist on learning through sign language, they are ignored, and oralism continues around 98% of them illiterate and hardly 2% of them gain little knowledge even though they manage to pass class 12th, they further face problems in finding jobs.

There are certain schools which only have classes till 8, and not till 10th or 12th. NAD tried contacting the staff of the schools, they expressed that they are ordered to teach in this manner and it's not under their control to change anything.

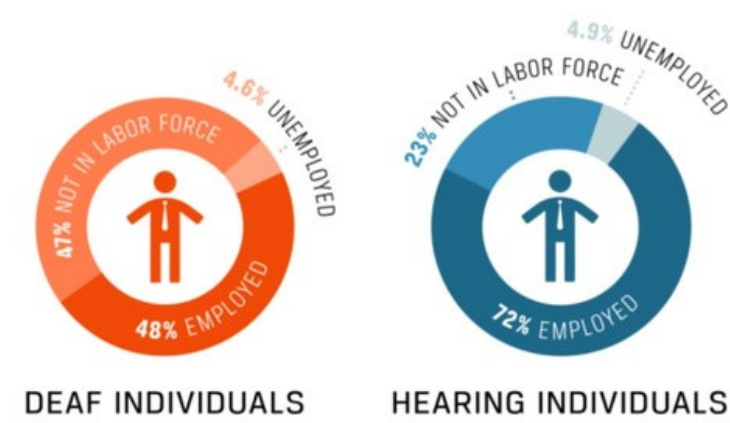
Abuse of Deaf College Students



Education Gaps

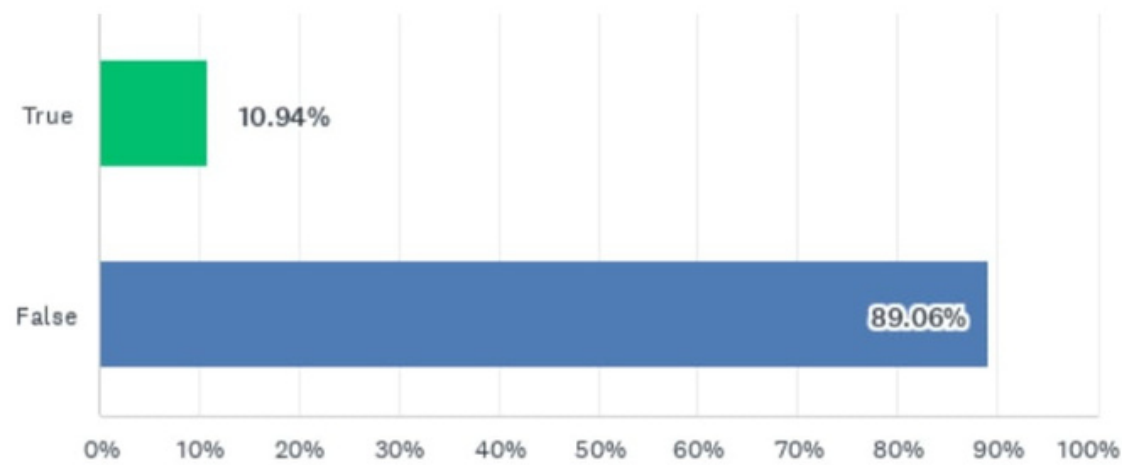


Rates of Unemployment, Employment, and Not in Labor Force



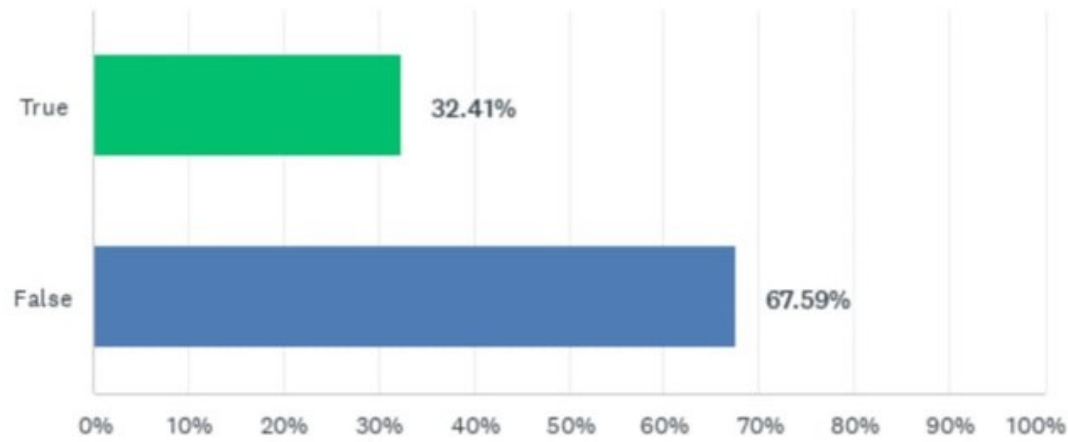
Q22: My student's teacher was prepared to teach dyslexic students.

Answered: 3,821 Skipped: 812



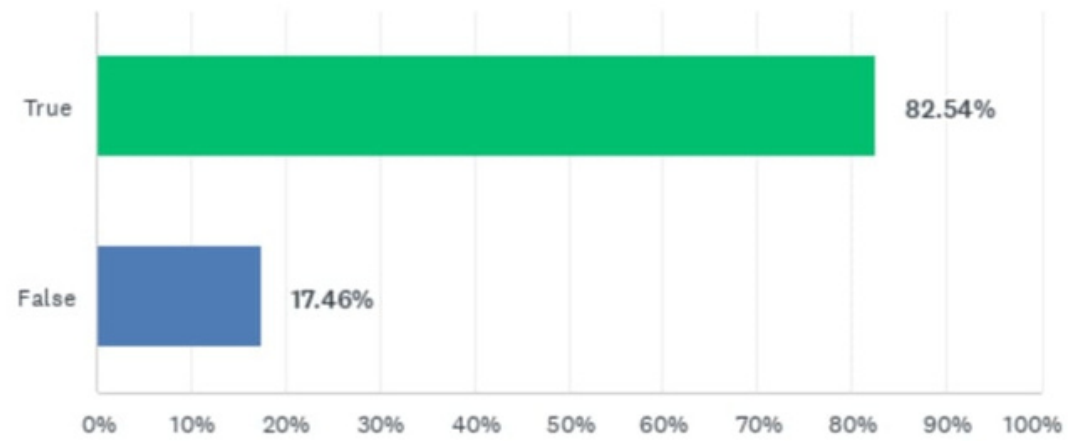
Q41: My student was offered accessible texts or technology support for reading.

Answered: 3,613 Skipped: 1,020



Q33: My student suffered from emotional and psychological difficulties due to challenges in school.

Answered: 3,775 Skipped: 858



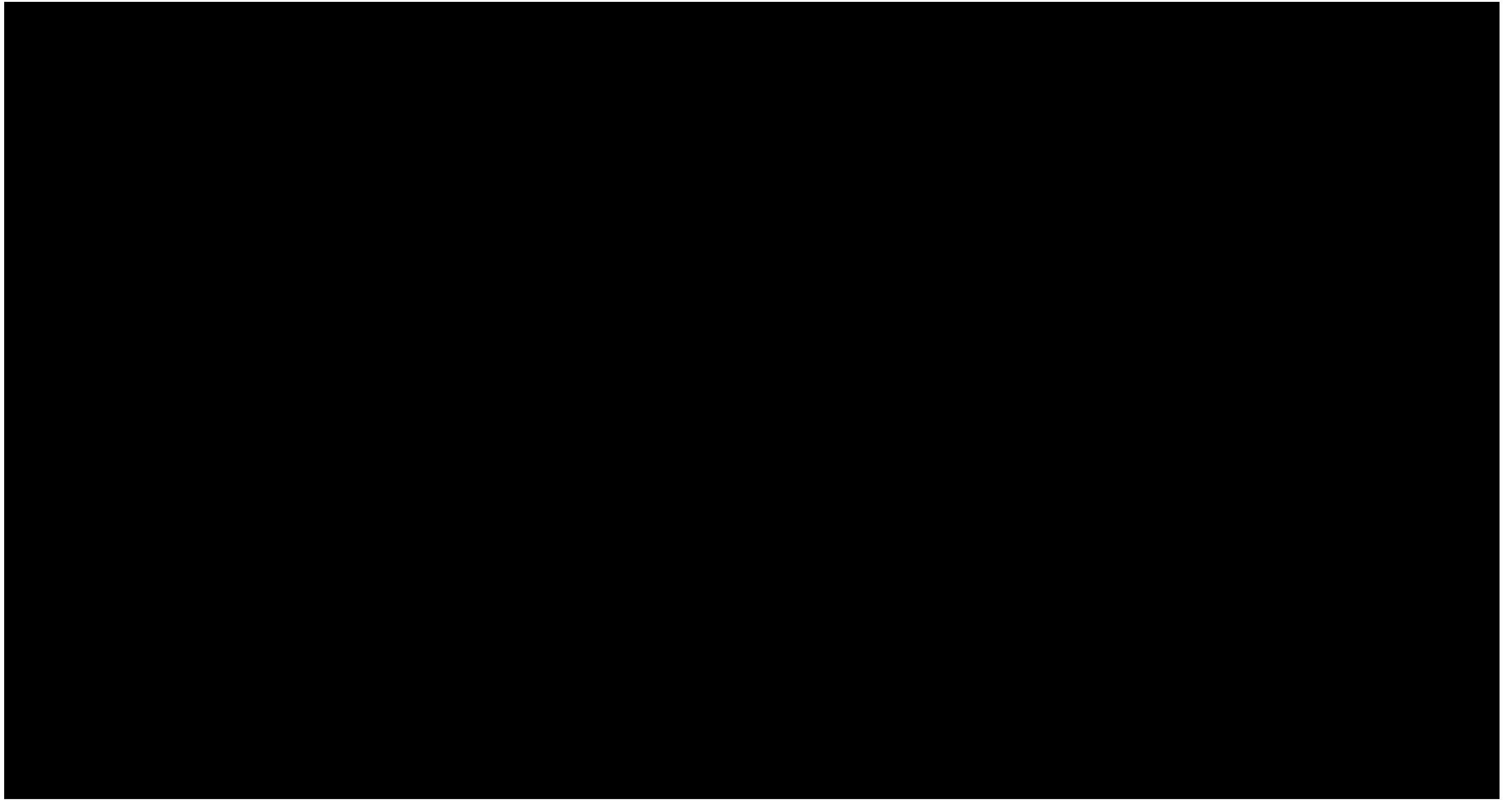
According to estimates, dyslexia affects approximately 5-10% of the population.

To provide a rough estimate, considering the global population of around 7.9 billion people, the number of individuals affected by dyslexia could range from around 395 million to 790 million people. However, it's important to note that these figures are approximate and may vary based on different studies and regions.

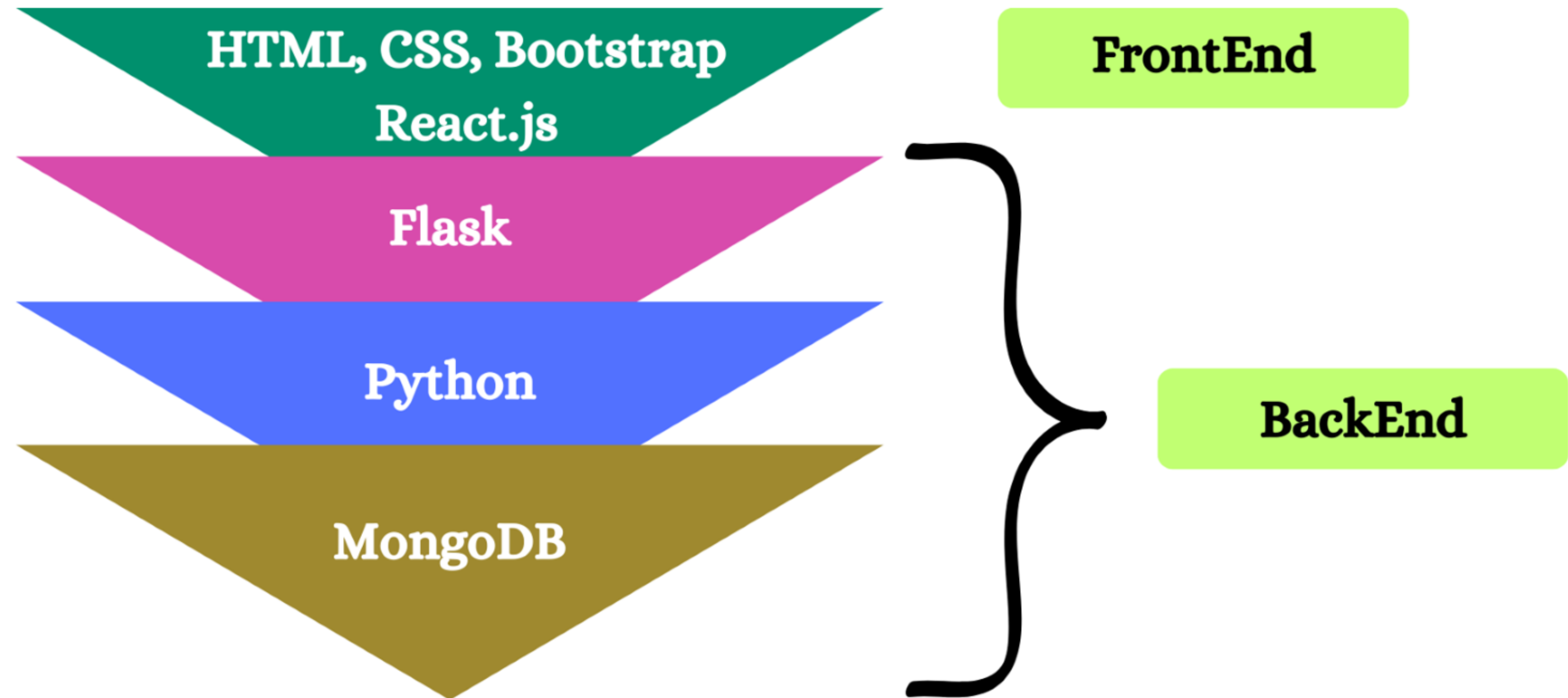
It's worth mentioning that dyslexia exists on a spectrum, and the severity of its impact can vary from person to person. Each individual with dyslexia has unique strengths and challenges. Early identification, appropriate support, and interventions can greatly assist individuals with dyslexia in overcoming difficulties and achieving success in various aspects of their lives, including education.

ASIAN JOURNAL

<https://tspmt.com/vol5Jan2015/8.Dr.S.K.%20Tiwari.49-57.pdf>



TECH STACK



A close-up photograph of three young children of South Asian descent. The child on the left is smiling broadly, showing their teeth. The child in the center is looking directly at the camera with a neutral expression. The child on the right is also smiling. They are all wearing dark clothing. The background is blurred.

Thank you!