

Barclays and TCS Join Hands to Help More Kids with Special Needs with TCS VHAB Gamified Solution

Tata Consultancy Services' Virtual Habilitation Solution Helps Children with Neuro-Muscular Disabilities Develop Essential Life Skills

Pune, December 8, 2022: Tata Consultancy Services (TCS) (BSE: 532540, NSE: TCS) and Barclays in India have expanded their partnership to help more children with neuro-muscular disabilities become self-reliant by bringing the TCS Virtual Habilitation (VHAB) solution to Bal Kalyan Sanstha in Pune.

As part of the collaboration, TCS is deploying and supporting its VHAB solution and Barclays, as part of its Disability and Mental Health Network "Reach" is providing the hardware, equipment, and ongoing support.

VHAB is a digital assistive solution conceptualized, designed, and developed by TCS to significantly improve the physiotherapy regimen for children with locomotor disabilities due to cerebral palsy or autism. The gamified solution uses motion sensors, progressive analytics, gesture analysis, finger mapping and real-time simulation in an immersive VR environment to create a series of personalized simulated environments that children can interact with and develop skills that will enable them to carry out everyday tasks.

In 2019, TCS and Barclays launched the solution at ZEP Rehabilitation Centre in Pune, where it is being successfully deployed to fast track the learning of children with autism and cerebral palsy. VHAB is also being used by over 500 students across three schools for children with special needs. The results have been promising with children displaying increased attention and concentration and acquiring essential life skills.

Praveen Kumar, Managing Director, Barclays Global Service Centre Private Limited, said, *"We are delighted that our collaboration with TCS through our Reach program is making a significant difference to specially-abled children. It will boost their confidence as they get empowered to perform daily tasks more independently, which is the core objective of this initiative. We look forward to leveraging our combined strengths to extend this initiative to more charity partners."*

"Technology can break barriers and empower people with disabilities. At TCS, we have been leveraging technologies like artificial intelligence, robotics, extended reality, motion sensors and wearables to build innovative solutions that impact lives of people," said **K Krithivasan, President, Banking, Financial Services, and Insurance, TCS**. *"We are proud of this growing initiative that reflects TCS and Barclays' shared goal of using technology to bring about social good. We will continue to expand VHAB to reach more and more children."*

Bal Kalyan Sanstha, an NGO established in 1979, works towards ensuring overall development of children with special needs. It runs a recreational and cultural center where it offers sports, art and craft and other activities free of cost to 4,000 children from 85 special schools.

About Tata Consultancy Services (TCS)

Tata Consultancy Services is an IT services, consulting and business solutions organization that has been partnering with many of the world's largest businesses in their transformation journeys for over 50 years. TCS offers a consulting-led, cognitive powered, integrated portfolio of business, technology and engineering services and solutions. This is delivered through its unique Location Independent Agile™ delivery model, recognized as a benchmark of excellence in software development.

A part of the Tata group, India's largest multinational business group, TCS has over 606,000 of the world's best-trained consultants in 55 countries. The company generated consolidated revenues of US \$25.7 billion

in the fiscal year ended March 31, 2022, and is listed on the BSE (formerly Bombay Stock Exchange) and the NSE (National Stock Exchange) in India. TCS' proactive stance on climate change and award-winning work with communities across the world have earned it a place in leading sustainability indices such as the MSCI Global Sustainability Index and the FTSE4Good Emerging Index. For more information, visit www.tcs.com

About Barclays

Barclays is a British universal bank. We are diversified by business, by different types of customer and client, and geography. Our businesses include consumer banking and payments operations around the world, as well as a top-tier, full service, global corporate and investment bank, all of which are supported by our service company which provides technology, operations and functional services across the Group. For further information about Barclays, please visit our website www.barclays.com.

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