

Assistance and evaluation for enhancing human relationships

R&D Project Title: Inclusive digital language for the communication across Neurodiversity

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Summary :

Based on a smartphone with a non-contact vital sensing technology, we will develop ① Video based screening for developmental disorders, ② Estimation of cause of problematic behavior by auto-extracting similar situations from video, and ③ Personalized recommendation for the way to treat problematic behaviors. Unlike existing digital solutions for developmental disorders, this proposal does not aim to solve the problem through the acquisition of social skills by children. Instead, we aim to support the process that people surrounding children shed light on their unique personalities from multiple aspects utilizing vital data as a new digital language and building a new communication platform across Neurodiversity.

