TELIPORT

Script Your Future

Season 3

Case Study No.4

Team Details

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AI-Enabled Early Autism Screening & Care Platform

Problem Statement

- Early behavioral signs (6–12 months) often missed
- Diagnosis relies on time-intensive, subjective observation
- Specialist access is limited; long wait times
- Post-diagnosis therapy is siloed and poorly tracked
- Families lack continuous visibility into child progress

AI-Enabled End-to-End Autism Care Solution

- AI screening using video-based gaze, gesture & motor analysis
- Multimodal decision support (behavior + EEG) for clinicians
- Personalized, adaptive therapy planning(speech, motor, social skills)
- Continuous progress monitoring & early regression alerts
- Ethical, explainable AI with parental consent