Hitachi Systems Micro Clinic was chosen by the client to help transform from traditional teaching to a complete virtual assistant. Hitachi developed an artificial intelligence-based solution which minimized human intervention.

The client wanted a virtual teaching system which helped students to learn and understand all the subjects which normally a teacher would teach in a class. They were looking for an AI-powered teaching assistant which could provide answers and feedback instantaneously. The client also wanted to relieve the tutors from answering repetitive questions being asked by the students. The client was looking to deploy a framework in which actively engaged students with customized resource materials as per the topics of their choice.

**Solution Highlights**

- **AI powered teaching and study programs** allowed students to enhance self-learning, practice and improve their knowledge of subject.
- **Facial Recognition Feature** provided allowed students to login or register into systems with ease.
- **Queries and support** on the learning topics could be provided to the students 24/7.
- **The virtual assistant** helped teachers to concentrate on improving the teaching methods as it provided feedback on the student engagement.

**Business Challenge**

Hitachi Systems Micro Clinic was chosen by the client to help transform from traditional teaching to a complete virtual assistant. Hitachi developed an artificial intelligence-based solution which minimized human intervention.

Hitachi designed algorithms for facial recognition for the client to identify the facial expressions and track face points and distances. Furthermore, to constantly learn and improve the system’s ability to understand and evaluate a student’s work, Hitachi also deployed an option of quiz and spelling games which would also help the systems evolve automatically over a period. Inbuilt voice feature was provided to the client to navigate through the system and use voice to ask queries attempt quizzes and spelling games.

**Business Outcome**

**To know more, mail us at: marketing.mc@hitachi-systems.com | www.hitachi-systems-mc.com**

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