

Research & Development Status of AI Interfaced Conversation System

ARUZE CORP. (Representative Director and President: Kazuo Okada; JASDAQ: 6425) today announced the start of a test application on its website (<http://www.aruze.com>) of “Donchan Navigation” nicknamed “Don-nabi,” a website navigation tool based on the “AI Interfaced Conversation System” after years of R&D efforts.

1. Overview of the AI Interfaced Conversation System and background of its R&D project

The AI Interfaced Conversation System is the outcome of approximately two years of joint research and development efforts by the engineers of ARUZE and its affiliated company, P to PA. Inc. (head office located in Takanawa, Minato-ku, Tokyo). It is a whole new man-computer conversation interface system based on semantic recognition by which the computer understands and answers a question raised by a human.

While the conventional man-computer conversation systems only dealt with highly limited, simple and specific terms and provided specific answers, the AI Interfaced Conversation System employs a semantic recognition and answer control system. When the user enters a question in normal conversation style, the computer analyzes and understands it and returns a suitable answer to it.

For instance, when a user asks such questions as “What is your name?” “Your name,” “Who are you?” or “Tell me your name” to ARUZE’s mascot character “Donchan” or “Hazukichan,” the system recognizes the meaning of the question and returns an appropriate answer.

The use of this type of AI conversational control system offers unlimited expansion of the possibilities of the computer and the user to carry on a conversation while recognizing each other’s feelings. The rapid evolution of robotics has been incredible, and the introduction of the system will certainly bring a still higher level of possibilities.

2. Overview of “Donchan Navigation” or “Don-nabi,” a website navigation tool

“Don-nabi” is a navigation tool featuring ARUZE’s mascot characters “Donchan” and “Hazukichan” that answer questions about the company, product models, basic knowledge about Pachislot machines, etc.

The current version of “Don-nabi” accepts questions written in text form and gives answers also in text form. The future version will be of the “oral conversation style” in which the questions are entered orally and the answers also given orally.

The company plans to make its website (<http://www.aruze.com>) more enjoyable and allow the visitors to have fun chatting with the mascot characters about the ARUZE world of entertainment.

3. Test application of “Donchan Navigation” or “Don-nabi,” a website navigation tool

The current test application on the website (<http://www.aruze.com>) is scheduled to last three months. Comments and requests sent in by the customers will be reflected in the on-going R&D efforts toward a more evolved conversational control system upgrade. The company also plans to apply the navigation tool to other areas, such as recruitment and product lineup.

[URL] (<http://www.aruze.com>)