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A Research of Career Support System “CASSOWARY” Using VRT Card

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The VRT Card is a tool based on the career choice theory developed by Holland. Users sort 54 cards by criteria of interest, such as “yes” “natural” and “no”. The name of occupation and Holland's six personality types is written on those cards. Users can recognize their career awareness throughout the number of cards. Test results using VRT cards become quantitative data, but the analysis tends to be left to user's experimental knowledge.

We have developed the career support system named "CASSOWARY" using the VRT Card as a Web application. Basic functions of CASSOWARY are sorting cards function and carrier awareness function. Sorting cards function is for sorting virtually cards using drag & drop, carrier aware function is to assist in reading the results of VRT Card.

As a result of the evaluation test of the sorting cards function, we found time difference in sorting owing to the cards of “yes”, ”natural” and ”no”. In addition, the number of participants was 39 people.

Next, we did the evaluation test of career aware function. Besides, the number of participants was 16 people. Participants in this experiment wrote a statement related to their career awareness. They write the sentence before using the system, to modify the sentence after using the system. We have confirmed the effect of the system from the difference of their sentence.

As a result, we found that 44% of participants changed their sentence of career awareness by using system. In the questionnaire, 56% of participants were career awareness function answer as "helpful" or "very helpful".