

various types of tourism experience modes, and the proposed development strategy can be further popularized and applied.

Table 1. Confidence degree of tourism development strategy for intangible cultural heritage protection in P region under cognitive impairment

Group	Supply agglomeration	Demand trend	Social environment	Secondary layer circle
Extreme tourism experience	92	75	72	76
Cognitive tourism experience	75	89	76	73
Reclusive tourism experience	74	73	87	78
Compensatory tourism experience	72	76	75	91

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APPLICATION OF INTERACTION DESIGN IN INTELLIGENT HOUSEHOLD APPLIANCES UNDER COGNITIVE IMPAIRMENT

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Background: Cognitive impairment consists of executive ability, visual space, language, memory, orientation and other obstacles in a variety of cognitive fields. The main causes of the disease are education, diet, living habits and so on. Clinically, cognitive impairment is a transitional state between normal people and early Alzheimer’s disease. Mild cognitive impairment is characterized by wandering, anxiety, depression, forgetfulness, memory and attention loss. Moderate cognitive impairment is characterized by further aggravation of cognitive ability. Patients can be characterized by large emotional fluctuation, paranoia, anxiety, reduced understanding and language expression ability, and reduced resolution of objective things such as time. Severe cognitive impairment develops further from moderate cognition. Patients show decreased overall function and develop to dementia, which will lead to delusion, indifference, lack of self-care ability and so on. Under the background of cognitive impairment, there are many problems in the interactive design of smart home appliances, including poor operability experience, unable to meet the emotional experience needs and sensory experience needs. The poor sense of operability experience is reflected in the fact that the user’s feelings are not considered, and the designed products usually show low quality or complex operation. The emotional effect that cannot be achieved by the product design is the emotional resonance that cannot be met.

The interactive design integrates the theory of personalization and high technology and is widely favored by people. It is a product model that simulates human operation and functional design. Under the promotion of cognitive impairment, the application of interaction design in smart home appliances needs to meet the following points. First, pay attention to the dominant position of consumers. When designing smart home appliances, it is necessary to reflect the core position of consumers and integrate high-tech concepts and humanized design into the product design process, to make the operation simple and convenient, which can bring customers a new experience. Second, simplify the operation of smart home appliances. In the design process of smart home appliances, it is necessary to ensure that the products are more efficient and convenient, to enrich the various functions and interfaces of the products. At the same time, in the process of designing products, we also need to ensure that the use link is more efficient and more valuable, to bring unique and wonderful life experience to users. Third, the design of smart home appliances is relatively simple. When the product operation steps are relatively simple, users will use it more frequently, and users will have a higher probability of repurchasing or recommending products. Fourth, ensure that the functions of smart home appliances are effective and orderly. The design of intelligent household appliances needs to improve the performance of the products and design a reasonable interactive interface, which maximizes the design effect of the products.

Objective: This paper analyzes the application effect of interaction design in intelligent household appliances under the promotion of cognitive impairment, in order to provide new research ideas for the intelligent development of intelligent household appliances.

Research objects and methods: Consumers in two smart home appliance markets are selected as the research object through C45 decision tree algorithm analyzes the application effect of interactive design in

intelligent household appliances under the promotion of cognitive impairment. The evaluation includes four aspects: paying attention to the dominant position of consumers, simplifying smart appliances, relatively simple design of smart appliances, and ensuring the effective and orderly function of smart appliances. 50 consumers in each market are randomly selected and rated as dissatisfied, satisfied and very satisfied. The corresponding scores are 1-4 points, 5-7 points and 8-10 points. In order to avoid the influence of personal subjective factors on the research results, the lowest score and the highest score are omitted in the experiment, and the average score of other consumers is taken as the result.

Methods: SPSS23.0 data statistical analysis software to obtain the application effect of interactive design in intelligent household appliances under the promotion of cognitive impairment.

Results: Table 1 refers to the improvement of cognitive impairment. It can be seen from Table 1 that in terms of simple design and normal function, the application effect of interactive design in intelligent household appliances is ideal under the background of cognitive impairment. In the future, this interactive scheme can be applied to other regions to improve the design problems of smart appliances caused by cognitive impairment.

Table 1. Management effect of assembly construction project in Q area after fine management under cognitive impairment

Category	Dissatisfied	Satisfied	Very satisfied
Pay attention to consumers	8	24	18
Easy to operate	9	24	18
Simple design	14	21	15
Orthergasia	12	21	17

Conclusions: The research on the design and application of this scheme can further improve the cognitive function of home appliances, especially in the normal design and application of this scheme.

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THE MEDIATING ROLE OF LEARNING ADAPTABILITY IN THE RELATIONSHIP BETWEEN EMOTIONAL INTELLIGENCE AND PSYCHOLOGICAL ANXIETY OF HIGHER VOCATIONAL STUDENTS

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Background: Anxiety disorder of college students is a very complex psychological and emotional disorder. Its clinical manifestations are usually motor agitation and sympathetic hyperactivity. The causes of the disease are depression, mental stimulation, personality, congenital heredity, etc., which are manifested in negative emotions such as anxiety, shame, disappointment, anxiety, fear and so on. After entering the university, college students are facing great changes in learning styles. At the same time, with the increase of learning pressure and learning tasks and their poor psychological tolerance, their mental health problems are becoming increasingly prominent. International Health Organization claims that the number of patients with anxiety and depression among college students still shows a growing law of change, and the incidence group shows a younger and younger trend. With the increasingly serious phenomenon of students' anxiety, colleges and universities must take corresponding measures to intervene in students' anxiety. At present, college teachers do not pay attention to students' psychological needs in the teaching process, which leads to a serious phenomenon of students' anxiety. A large number of studies at home and abroad show that there is a great correlation among higher vocational college students' emotional intelligence, psychological anxiety and learning adaptability.

Emotional intelligence of higher vocational college students refers to the ability of individual adaptability to perceive, understand, adjust and make use of their own and others' emotions. Learning adaptability refers to the ability of individuals to adjust their own state to adapt to the changes in the learning environment and the needs of schools. There is a positive correlation between emotional intelligence and mental health. Emotional intelligence is an important psychological resource to promote personal mental health. In the past, a large number of literatures have analyzed that factor such as learning adaptability and emotional governance are affected by mental health factors, and emotional intelligence is affected by learning adaptability. Some scholars clearly pointed out that students with better mental health