

Abstract

The graduation paper is devoted to development of information training system for children with autism spectrum disorders. The developed program will help a child experiencing speech and communication difficulties to develop cognitive abilities and communication skills by using visual PECS cards that reflect basic needs of children as a means of interaction. The cards are accompanied by voice commentary, and you can add new images to the library yourself. The program was developed in the C# programming language in the Microsoft Visual Studio integrated environment using various libraries. The program interface was created using Windows Forms technology in the form of a window application that contains various tabs by category.

In addition, the graduation paper analyzes existing training programs for children with ASD, as well as considers the issues of life safety and economic efficiency from introducing the system into production.