

SPL-2 Proposal

A Learning Tool for Autistic Children

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We propose to develop a desktop application for autistic children to smooth their learning process and increase a better understanding of their daily life. We design the proposed application to meet the needs of an autism school(We have already started contact with an autism school). In our proposed system, a teacher can set the lesson by using text, images, audios, and videos to present visualization about the daily used objects. The teacher can also set some quiz tests (example: MCQ test, jigsaw puzzle) and added these quizzes at the end of the lesson. Every lesson and quiz test is set individually by the teacher. If a student completes his/her lesson and lesson related quiz tests, she/he will be rewarded. The teacher will select the reward based on an individual's choice (music, cartoons, animation, video)(if a student like music, she/he will be rewarded by playing music after completing the quiz tests).

Technologies : Javascript , Html , Css , Electron js ,Yarn , Npm ,Node js , React js.