



INFORMATICS INSTITUTE OF TECHNOLOGY

In Collaboration with

UNIVERSITY OF WESTMINSTER (UOW)

Department of Computing

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Final Project Report

For

Imagi-Tale for Dyslexic Kids

By

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Abstract

Narrative and stories in education have been the focus of increasing attention in recent years. So, for the starters, reading and writing is the key to that can unlock an unlimited number of doors. But what if we think a child has a trouble of reading and writing. Dyslexia is defined as a learning disorder that affects a child's ability to read, spell, write, and speak. This disorder can cause a child to be poor at spellings, not be able to coherently form sentences or even have tremendous difficulty reading. Some of the researchers have found that storytelling is an effective way to come out of this disability. The research examined the efficacy of storytelling in reducing disabilities of dyslexic children.

Based on the analysis of existing works, I was able to choose appropriate techniques to carry out the research. This research is to indicate an ontological approach with utilizing NLP techniques for the dynamic storytelling which can generate story videos for the user's story text. According to the domain experts, this system could help to enhance the treatment of dyslexic kids' learning disability.