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Automatic Multiple Choice Question (MCQ) Generation from Text

Saurabh Khade[1], Namdev Bhosle Patil[2], Praveen Bhujbal[3], Prof. Sneha Patil[4]
Students, Department of Computer Engineering[1,2,3]
Guide, Department of Computer Engineering[4]
Smt Kashibai Navale of Engineering Vadgaon Bk, Pune, Maharashtra, India

Abstract: *In this system is to present an innovative approach for generating multiple choice questions in automatic way. Question Paper (MCQ) Generator special and unique software, which used in school, institution, colleges, test paper setters which want to have a huge database of questions for frequent generation of question papers. Questions can have included in paper as well as difficulty level on the percentage. We present a novel approach to automated question generation that improves upon prior work both from a technology perspective and from an assessment perspective. Our system is aimed at engaging language learners by generating multiple-choice questions which utilize specific inference steps over multiple sentences, namely reference resolution and paraphrase detection. The system also generates correct answers and semantically-motivated phrase-level distracters as answer choices. Evaluation by human annotators indicates that our approach requires a larger number of inference steps, which necessitate deeper semantic understanding of texts than a traditional single-sentence approach.*

Keywords: MCQ Generator, Distractor, Question, Choices

REFERENCES

[1]. World Health Organization, "Visual Impairment and Blindness," WHO Factsheet no. FS282 , Dec. 2014.
[2]. Mingmin Zhao, FadelAdib, Dina Katabi Emotion Recognition using wireless signals.
[3]. N. Senthil kumar, A. Abinaya, E. Arthi, M. Atchaya, M. Elakkiya, "SMART EYE FOR VISUALLY IMPAIRED PEOPLE", International Research Journal of Engineering and Technology, Volume: 07 Issue: 06, June 2020.
[4]. Liang – Bi Chen, Ming-Che Chen, "An implementation of an intelligent assistace system for visually impaired/blind people, "IEEE, 2018.
[5]. Shagufta Md.Rafique Bagwan, Prof. L.J.Sankpal," VisualPal: A Mobile App forOject Recognition for the Visually Impaired", IEEE International Conference on Computer, Communication and Control (IC4- 2015).
[6]. Shahed Anzarus Sabab, Md. Hamjajul Ashmafee, "Blind Reader: An Intelligent Assistant for Blind", 19th International Conference on Computer and Information Technology, December 18-20, 2016, North South University, Dhaka, Bangladesh.
[7]. Shreyash Patil, Oshin Gawande, Shivam Kumar, Pradip Shewale,"Assistant Systems for the Visually Impaired", International Research Journal of Engineering and Technology (IRJET), Volume: 07 Issue: 01 Jan 2020.
[8]. Gagandeep Singh, Omkar Kandale, Kevin Takhtani, Nandini Dadhwal, "A Smart Personal AI Assistantfor Visually Impaired People", International Research Journal of Engineering and Technology (IRJET), Volume: 07 Issue: 06 | June 2020.