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Incremental Question Paper Generator

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Abstract: *Exams are getting digitized all over the world. Basically, meaning that the traditional paper-based tests are being replaced by the certain computer-based tests which have proven to be both more consistent in allocating marks and faster than teacher correcting papers. The traditional exams usually consisted of subjective answers which were not the best way of grading the student's perception of the subject. Hence, we are developing a computer-based system that will generate MCQ based question that will be better suited to grade students academically. So, Incremental Question Paper Generator (IQPG) is an attempt at developing a software which can implement adaptive evaluation along with generation of questions on its own. The software aims to generate an increasingly difficult or easy in simpler words, it aims to generate a question paper which dynamically changes the difficulty of its questions. Along the same the software generates these questions by learning from a pre-made dataset of questions.*

Keywords: IQPG – Incremental Question Paper Generator, QPM – Question Paper Model, NLP – Natural Language Processing, AE – Adaptive Evaluation, ML – Machine Learning.

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