

QSelect: A question sheet preparer and mark tracker

Preliminary design document

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1 Specification

Aim: Prepare worksheets based on an input question bank. One should be able to

1. Select questions from a question bank provided as input and get a compiled worksheet as output
2. Request a worksheet containing randomised questions selected from the question bank in given topics
3. Track the progress of a student including fraction of the questions in the bank answered and scores. Potentially suggest areas of weakness for particular students. Display the student's progress in a suitable manner, e.g. matplotlib charts. Display