

A MULTIMEDIA BASED COURSEWARE PROTOTYPE FOR SPM PHYSICS SUBJECT

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ABSTRACT

This project is about to design a proposed courseware concept in SPM Physics subject. Generally the product from the project would just be a prototype of the proposed courseware concept, and not a complete courseware. To produce the courseware prototype, a dynamic subpart in SPM Physics subject was chosen as the main focus. Generally, this project documentation is divided into four main parts, which are primarily investigation, data analysis, courseware designing, courseware development and debugging, as well as courseware testing. The primary investigation is to study what actually smart school is. Data analysis is about to analyze the current courseware concept. The designing phase is about to visualize the concept in the earlier parts. The author had design the flow of the courseware, the interfaces, as well as the interaction styles of the courseware. In the designing phase, the author had tried to be as user centered as possible. After designing, the author started to produce the courseware by using appropriate software tools. In courseware development phase, the author tests the courseware along authoring it.