Universiti Teknologi Mara

Developing Interactive Digital Storytelling Utilizing Multiple Navigation Structure

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ABSTRACT

This will be a thesis on developing interactive digital storytelling utilizing multiple navigation structure. Digital storytelling is communicating ideas to audience in digital form. The user can watch, read, hear and interact with this application. Furthermore, it provides lots of interaction to the user. All interactive digital storytelling is a nonlinear structure which is users can choose any chapter or part that they want to read. This will make users might miss an important part of the story. This also will make users did not go through the exact flow of story. There are lots of methods that can be used to prevent this problem. Instructional design method has many models such as ADDIE Model, Waterfall Model and Spiral Model. ADDIE Model has been used as method this digital storytelling. This model consists of five phases which are analysis, design, development, implementation and evaluation. Each phase plays an important part in developing the interactive digital storytelling. As a result, by combination between linear and nonlinear structure of digital storytelling users are more flexible to choose either they want to go through the navigation structure or linear structure. This will help users to go through the story according to the flow of story. It will prevent users from confusing about the flow of story. Last but not least, the navigation structure helps users to gain their knowledge about the story.

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Chapter 4 : Design and Development