AI-Driven Live Interactive Cinematic Experience

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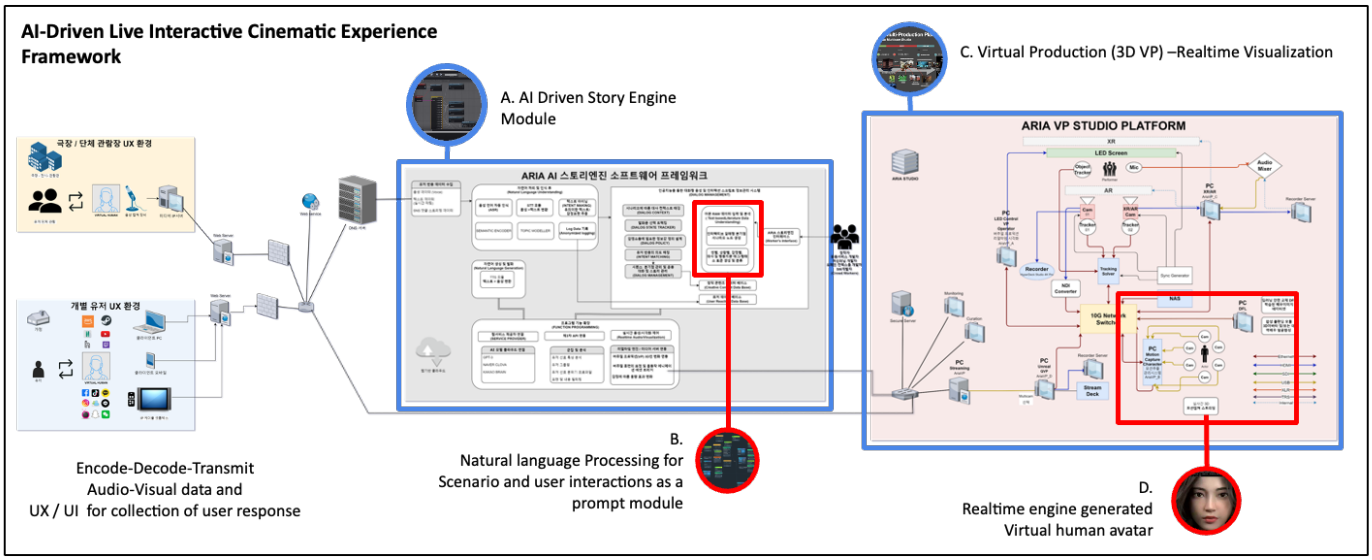

Figure 1-1: A diagram of AI-Driven Interactive Cinematic Experience’

ABSTRACT

'The ‘AI-Driven Interactive Cinematic Experience’ is a content production system combines live action with real-time graphics and multiple artificial intelligence solutions to create a conversational interactive entertainment. Our target is to make interactive content that viewers can interact with the fictional characters to affect the story plot, in addition to AI-based story engine, audience intention and language analysis, Real-time visualization of virtual set space and virtual characters according to the prompts of the story engine.

Viewer response collection unit that receives voice and text responses generates interactive scenarios of virtual content that affects branching story plots in real-time for a natural story interaction while making the viewers fully engaged as if they are talking to a movie. The act of ‘Viewers change the plot of the story by communicating with the main character in the drama’, suggests new type of media entertainment format.

Figure 1-2: Real-time generated target content : ‘Aria City’

Figure 1-3: A Virtual Human Character interaction driven by AI

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