

Prop Cone: Virtual Prop House

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Abstract

In films, props are the moving objects that may be seen. Prop masters and art directors' assistants are responsible for gathering movie-related props. The selection of props is also essential, because the appeal of a film is dependent on its captivating qualities. It is difficult to select without a solid recommendation and a large gallery. Therefore, the suggested platform is a virtual prop house that works as a prop-specific recommendation system and has additional capabilities such as putting previews and history records. The process necessitates a cross-device platform, as the recommendation system functions as a web page, and when it comes to the improved capabilities of positioning previews, it is transitioning to a mobile application with AR Core support. In this study, the recommendations for the props can be made in one of three efficient ways. They are by reading the script and recommending the props using word recognition, recommending props from the available gallery by scanning an image, which can be a screenshot of a movie, and as associated props which makes the prop master's job easier by suggesting props by grouping and ranking the most prevalently utilized props in the movies that have been screened so far.

Keywords

Virtual, Prop House, Recommendation, Script, Props