

# **NEXT SCENE MANAGEMENT**

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## Abstract

Movies reshape the way people sense the world. Recent trends show there is a significant growth in watching movies. To release a high-quality product many complex and discrete stages need to be completed with hard work and patience. Although other countries compose of all the necessary equipment, planning, and technological enhancements, the Sri Lankan cinema industry still lacks some features. The IT infrastructure development appears to be minimal for this industry in Sri Lanka. Even though there are many film management applications available most of them do not consider the requirements and limitations in the Sri Lankan context.

This project aims to identify challenges face by independent producers and other members in the film industry to design, develop and evaluate an efficient IT platform to automate the most difficult and repetitive manual for improved movie production management and planning.

To deliver an efficient IT solution for movie management research was conducted. Initially, a literature review has conducted to research the background of the industry. To validate the facts, interviews have been carried out with industry experts. A questionnaire was developed and distributed with specialists to verify current limitations in the movie industry and to examine the efficiency of the proposed solution.

The initial results from the research highlight, currently many independent film producers carry manual processes in planning and managing. With the limitation of the videography apparatus in Sri Lanka, movie team faces many difficulties. Furthermore, it reflects the need for managing software to superintend tasks such as costumes, locations, props, notification management for a movie. A platform for young talents to showcase their masteries, advertise locations, videography equipment, and an information forum to discuss production aspects were some additional requirements received by industry experts. Due to the non-availability of a common platform to the cinema industry this software has intended to provide a solution for requirements.

The prototype has executed under PRINCE 2 project management approach and Object-Oriented Software Development methodology. The implemented prototype has been evaluated by specialists in the industry and taken feedback on commercial use and further enhancements. The ultimate goal of this project is to efficiently automate manual processes in movie pre-production and production and to provide required information through an IT solution.

**Keywords:** Movie production management, Automatic scheduling, Automatic equipment search, Automatic location service, Pre-production, Movie platform