

Course: Advanced Systems Analysis and Software Design – ENSF 614

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System Description

The AcmePlex Movie Theater Ticket Reservation System is designed to streamline the process of searching for movies, selecting seats, and purchasing tickets for movies across multiple theaters. The system will allow two types of users: Ordinary Users and Registered Users (Rus), providing tailored functionalities for both.

Ordinary Users can search for movies, view available theaters and showtimes, select seats, make payments, and receive tickets and receipts via email. They can also cancel their tickets up to 72 hours prior to the showtime but would be subject to a 15% administration fee. These funds will be provided as credits for future purchases valid for up to one year.

Registered Users (Rus) enjoy even more features including the ability to bypass the 15% cancellation fee. They will also receive exclusive early access to 10% of available seats before public announcement and can stay informed with movies news updates ahead of public releases. Finally, a user account will store their personal information and payment details. All these features are subject to a \$20 annual subscription fee which they must pay to access these benefits.

This system is expected to enhance user satisfaction by providing a simple, intuitive interface for ticket reservations, robust payment processing, and features like cancellation and credit management.