



# CineReserve Cinema System

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Submitted to:

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## Table of Contents

1.0 Description: .....	3
2.0 Functional requirements: .....	3
3.0 Data flow diagram: .....	4
3.1 context diagram: .....	4
3.2 Level-0 DFD: .....	5
3.3 Level-1DFD: .....	6

## 1.0 Description:

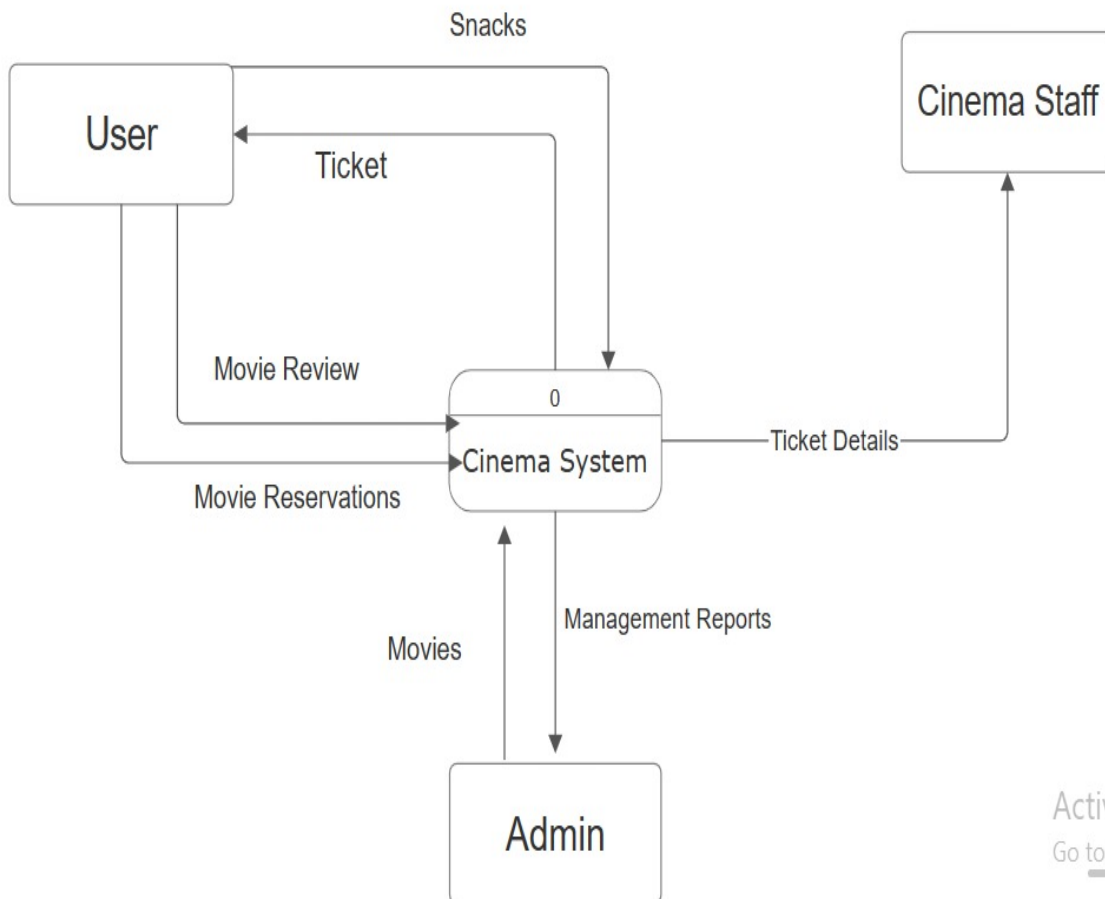
Introducing CineReserve, the perfect destination for easy movie ticket reservations! Our homepage, precisely created using HTML, CSS, and JavaScript, features a sleek and user-friendly interface for easy navigation. Users may browse through a large range of movies, select showtimes, select preferred seats, and securely purchase tickets with only a few clicks thanks to our user-friendly ticket purchasing system. CineReserve also offers unique profiles for each user, allowing them to manage reservations and check previous purchases.

## 2.0 Functional requirements:

- 1)Mange tickets: This process takes movie reservations from the user and sends it to cinema staff and ticket file store.
- 2)Order snacks: This process lets the user order the snacks.
- 3)Update inventory: This process takes the ordered snacks and formats the inventory data then sends it to the snacks file.
- 4)Feedback and review: This process takes user's review about the movie and sends it to the movie file.
- 5)Decrement movie seats: This process sends the seats data to the ticket file.
- 6)Add/Remove movies: The admin can add or remove the movie he wants.
- 7)Produce management reports: This process receives daily tickets purchased, daily snack count and movies data from the movies file then sends the reports to the admin.

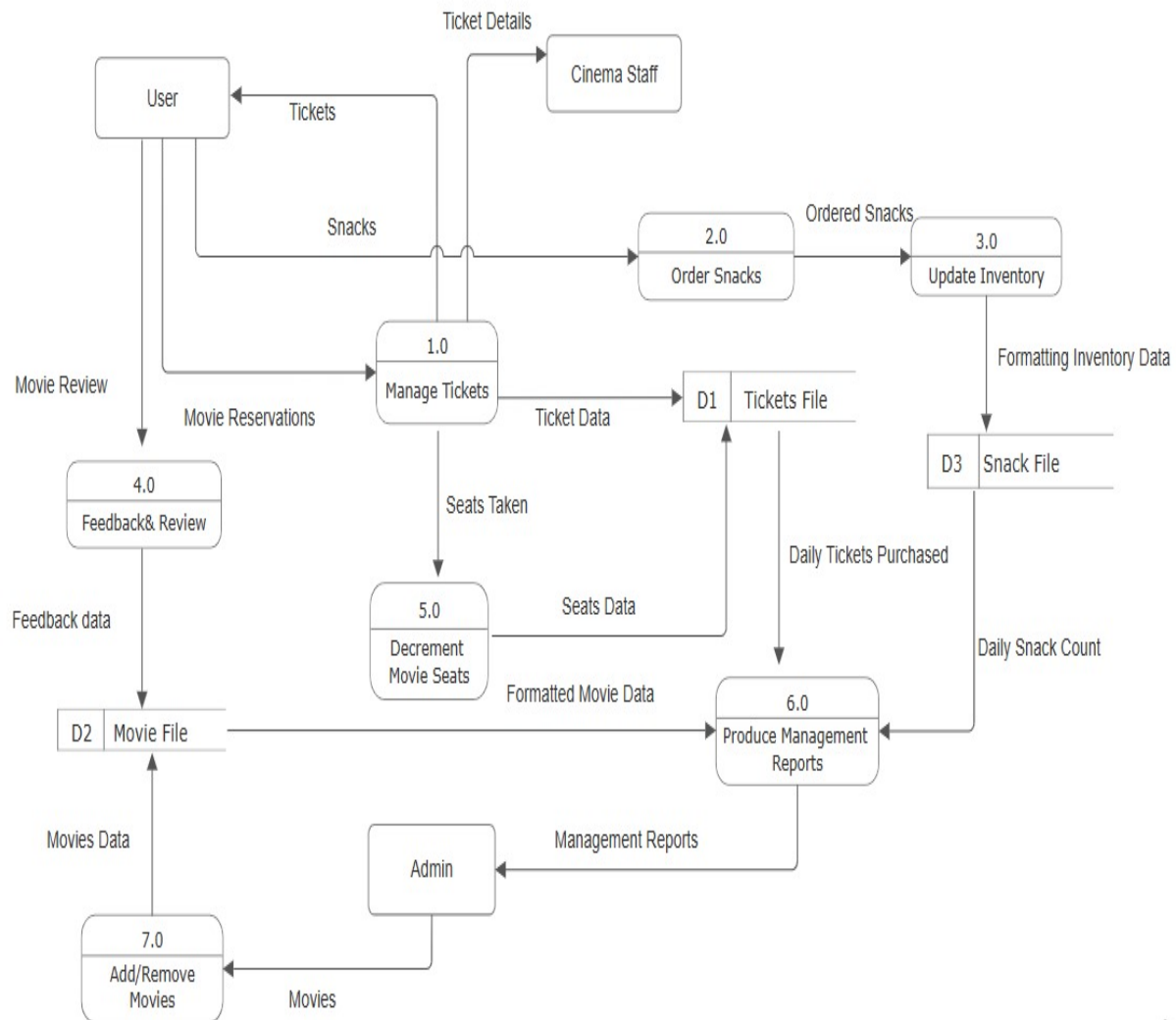
## 3.0 Data flow diagram:

### 3.1 context diagram:



Activate Wind  
Go to Settings to activate

### 3.2 Level-0 DFD:



Activate V  
Go to Settings

### 3.3 Level-1DFD:

