



e-ISSN: 2319-8753 | p-ISSN: 2347-6710

# IJRSET

International Journal of Innovative Research in  
**SCIENCE | ENGINEERING | TECHNOLOGY**

# INTERNATIONAL JOURNAL OF INNOVATIVE RESEARCH

IN SCIENCE | ENGINEERING | TECHNOLOGY

Volume 11, Issue 5, May 2022

**ISSN** INTERNATIONAL  
STANDARD  
SERIAL  
NUMBER  
INDIA

Impact Factor: 8.118

9940 572 462

6381 907 438

[ijrset@gmail.com](mailto:ijrset@gmail.com)

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# Cloud Based Movie Ticket Booking System

V.N. Kukre<sup>1</sup>, M. Asad Shaikh<sup>2</sup>, Chirag Magdum<sup>3</sup>, Ali Shaikh<sup>4</sup>, Pranesh Puri<sup>5</sup>

Lecturer, Dept. of Computer Engineering, A.I.S.S.M.S. Polytechnic Pune, Maharashtra, India<sup>1</sup>

Student, Dept. of Computer Engineering, A.I.S.S.M.S. Polytechnic Pune, Maharashtra, India<sup>2, 3, 4, 5</sup>

**ABSTRACT:** The current movie ticket booking system is human dependent and tedious with regards to the ticket booking process. The core objective of our project is to develop the web-application, which will serve as a medium for Teenagers/adults/anyone to book the tickets to watch a movie. The principal motive force of this web-application is to ease the process of ticket booking by avoiding the hectic and boisterous process to stand in a queue and book the ticket for the Movie. Several applications are available in the market which give information about the Movies their Timings and Charges. Our application contrasts from such a lot of existing applications as it would book the ticket as well as save the ticket in the cloud database for Movie. This website is for Movie ticket booking and one can easily validate those booked tickets using mobile. Ticket can be booked with the help of smart phone, laptop using the web-application where your Movie tickets can be carried in your phone. The ticketing information of the user is securely stored in the cloud database. Additionally, the ticket checker is given the checker application which is utilized for the approval of the ticket appeared by the user. This framework gives the ticket checker web-application to look for the user's ticket with the ticket number or other appropriate information in the cloud database for checking purposes. Consider that the user's display is being damaged and not able to show the ticket due to other reasons like battery failure we have another safeguard alternative to check the ticket by searching in the ticket database with the ticket number or user's other relevant information for validation purpose.

**KEYWORDS:** Cloud Based Movie Ticket, Cloud Database, Movie Ticket.

## I. INTRODUCTION

There has been no advance Cloud Database in Ticket Booking system, still follows the regular old pattern of ticket booking and checking. With the rapid growth in the entertainment industry, the Audience is drastically increasing as well. However, individuals don't bother whether they have a ticket or not. They enter the cinema hall without a ticket. Cinemas Ticket Booking system and IT are loosely bounded. Presently the use of Information Technology is only limited to local database system. The main motive of this web-application is to ease the process of ticket booking by avoiding the endless server down times. The application may get overloaded due to a huge number of users visiting at once. Thus, to solve the issue this system is built up using cloud infrastructure for improved performance.

## II. RELATED WORK

We examined many websites and found just only one website which is similar to our website. This website is about Cloud based bus ticket system. The public local transportation system is still using the old-fashion ways for ticketing, the conductor issues the ticket to the user which is inconvenient and time-consuming. People stand in queues for a long amount of time waiting for the conductor to issue the ticket. Therefore, it is tiresome and wastage of energy. Some people travel via public local transport without purchasing the ticket and due to this, there is growth in the crowd, exceeding the capacity of the bus. Therefore, our proposed system will be able fix the above disadvantages mentioned. Our android-based system will fix the disadvantages of the current public local transport ticket booking system. Our proposed application will be able to handle the generation of E-ticket having QR code, the user will have to select the source and destination and then the buses will be displayed according to the route which is quick and efficient. On-time ticket payment by scanning of QR-code which is digitalized and we are going one step towards the green environment by avoiding the use of paper. Validation and authentication of the ticket is done by the conductor due to which the people traveling without purchasing the ticket will not be allowed to travel. The current position of the bus can be tracked by the user after purchasing the ticket.

### III. METHODOLOGY

In this project we build such a system that can book the movie ticket and save the data in cloud database.

1. When in the initial step the page is loaded then we check the session and validate if the user is login or not.
2. The next step is when user is successfully logged in.
3. After the event is detected we validate the selection
4. Once the selection is validated and user right clicks then we display our context menu to the user.
5. When the context menu is clicked we display a large popup to the user and the selected text is visible to the user in that popup and we ask the user to choose between basic or advance as per its requirements.
6. Other part is of the image and video. We allow the user to save any image or video into his panel. For this we ask for the image address or the video address that the user can get by clicking on the image or video.
7. Then in our context menu we have gallery menu where the copied image and video address can be pasted and submitted which is the backend will be processed and downloaded in the users panel.
8. In the users panel the user can set the whole of project management and add multiple sub users and manage them. The algorithm automatically generates mask image without user interaction that contains only text regions to be inpainted.

### IV. EXPERIMENTAL RESULTS

Figures show the results: Working of Himalayan Cinemas Website (Cloud Based Movie Ticket System)

- 1) This is the Login Page.

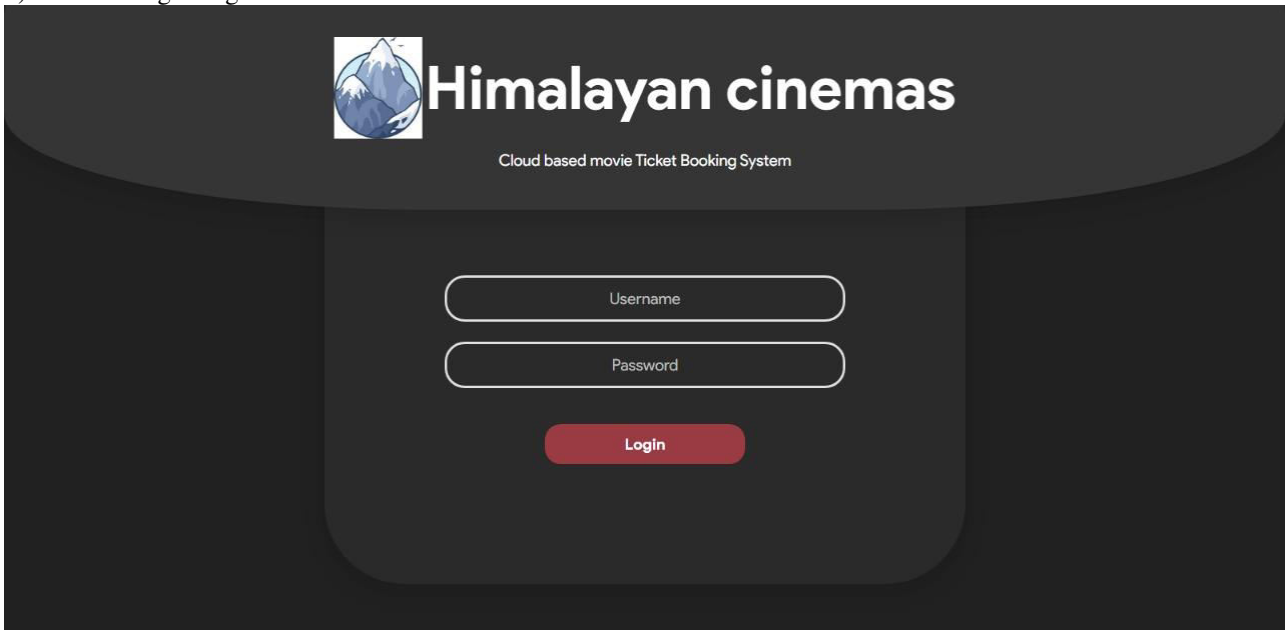


Fig 1 (Himalayan Cinemas)

2) These is Manager page after Logging in

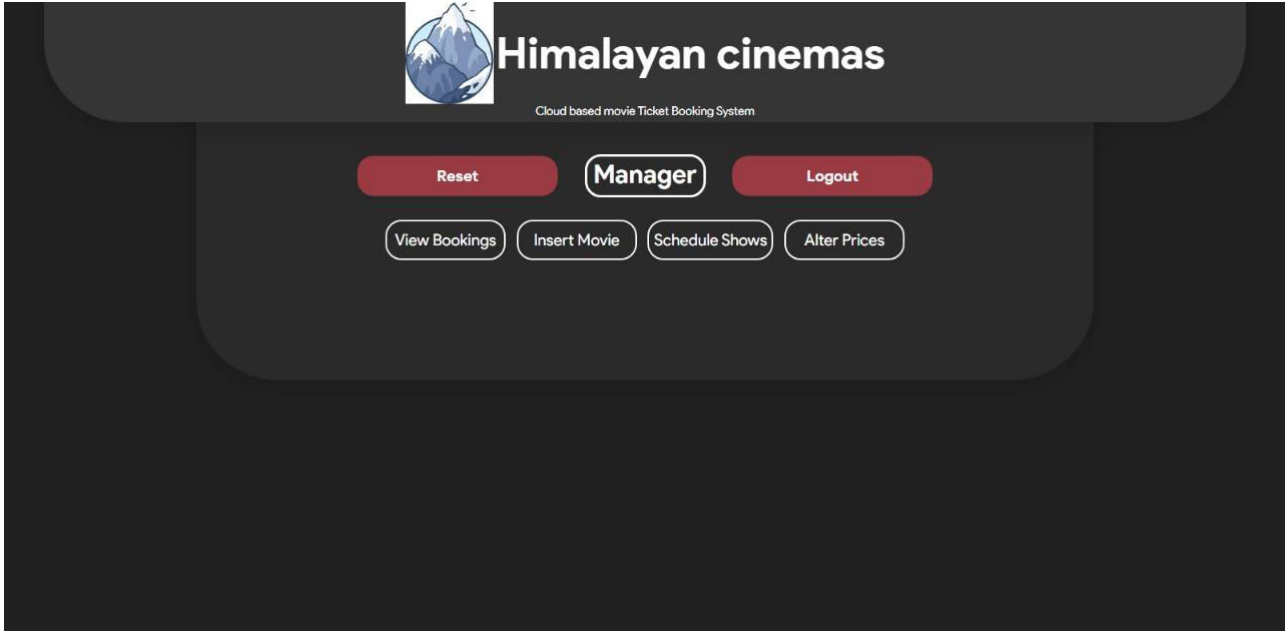


Fig 2 (Himalayan Cinemas)

3) First Option is View Booking

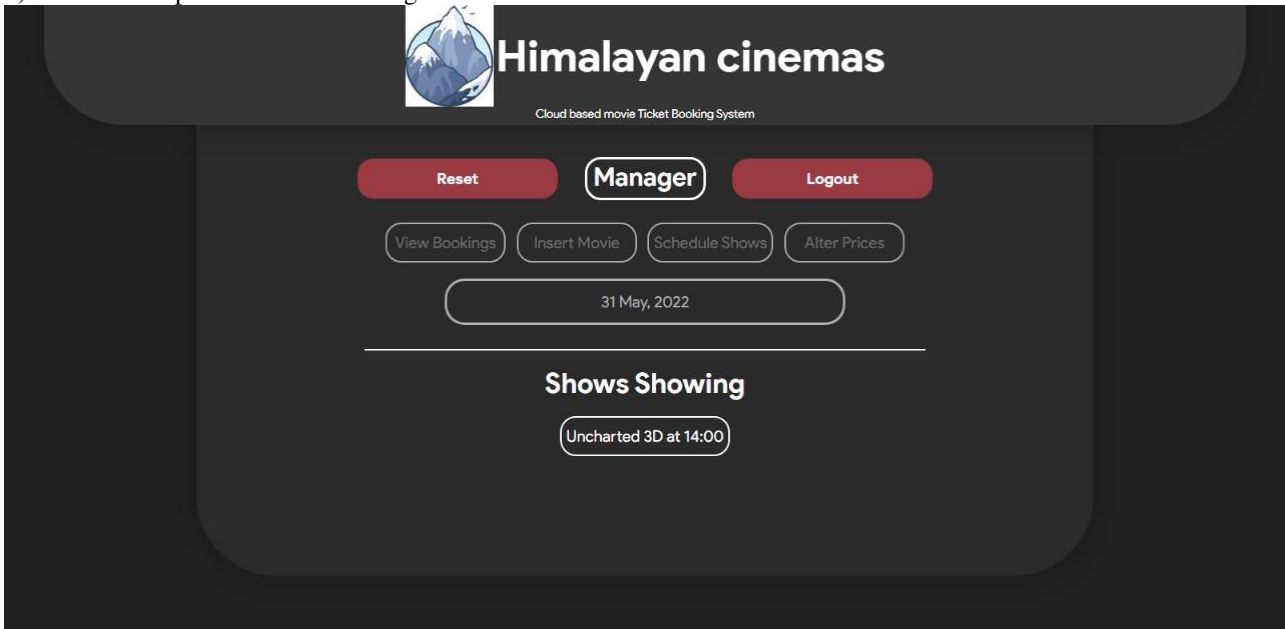


Fig 3 (Himalayan Cinemas)

4) After, Selecting Date And Time it Shows Available Movie.

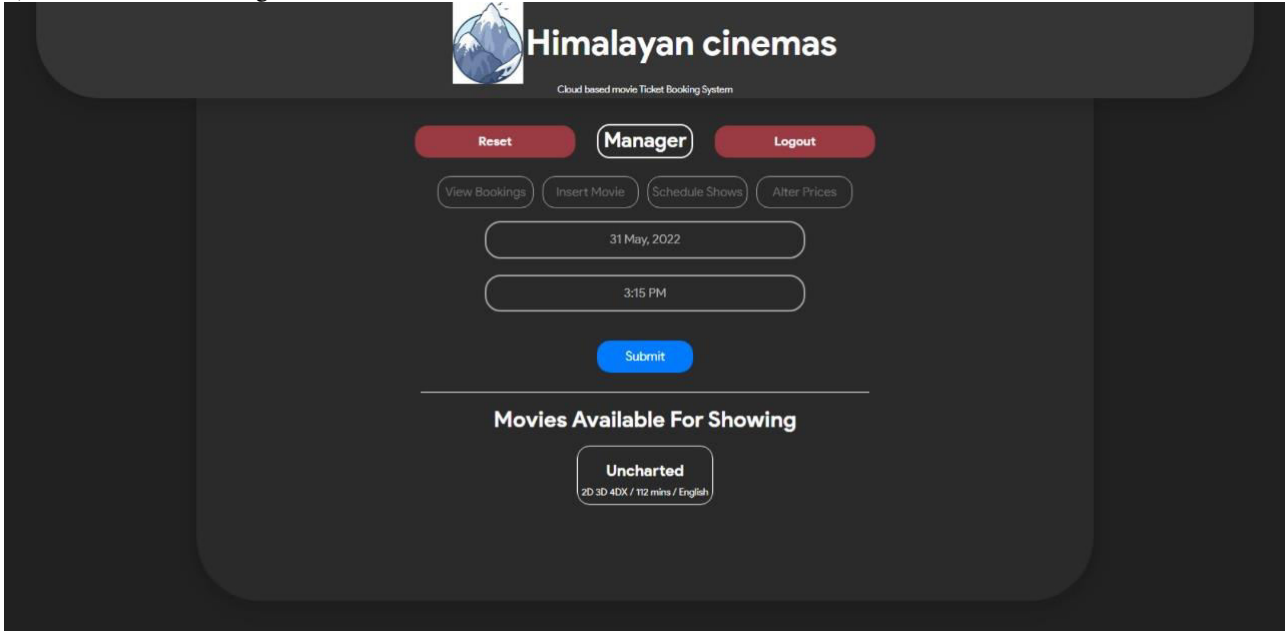


Fig 4 (Himalayan Cinemas)

5) Here, it shows Booked Tickets

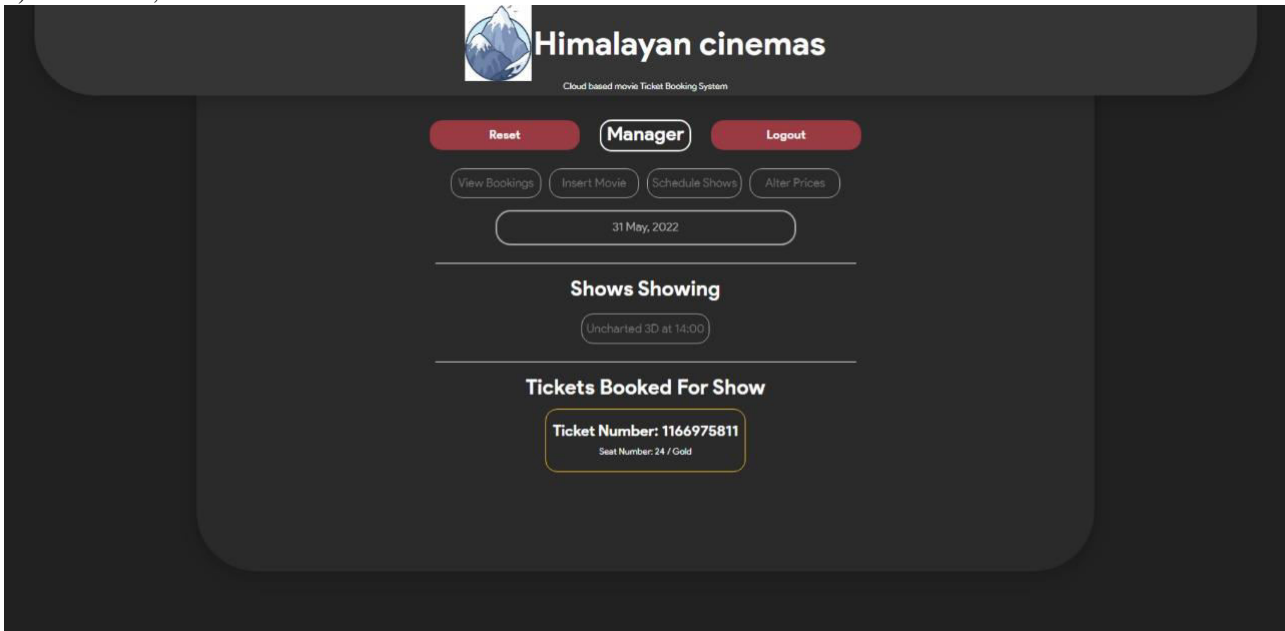


Fig 5 (Himalayan Cinemas)



6) Next Option is Insert Movie Here we can add Movies

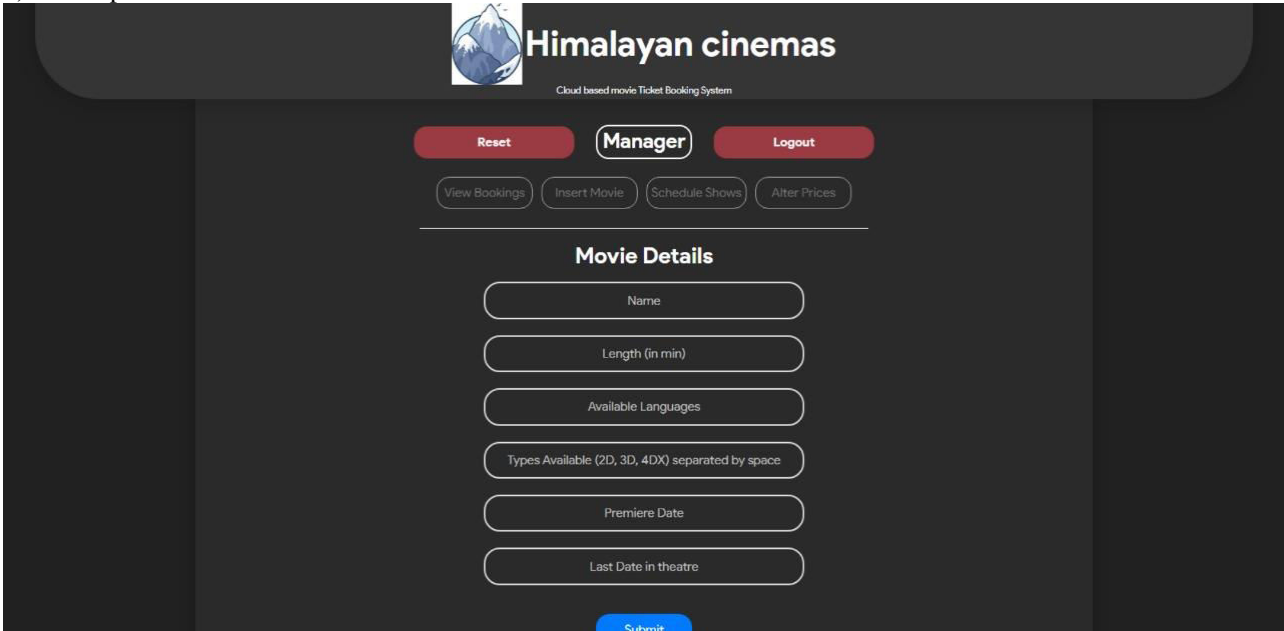


Fig 6 (Himalayan Cinemas)

7) Next Option is Alter Pricing as per seating arrangements

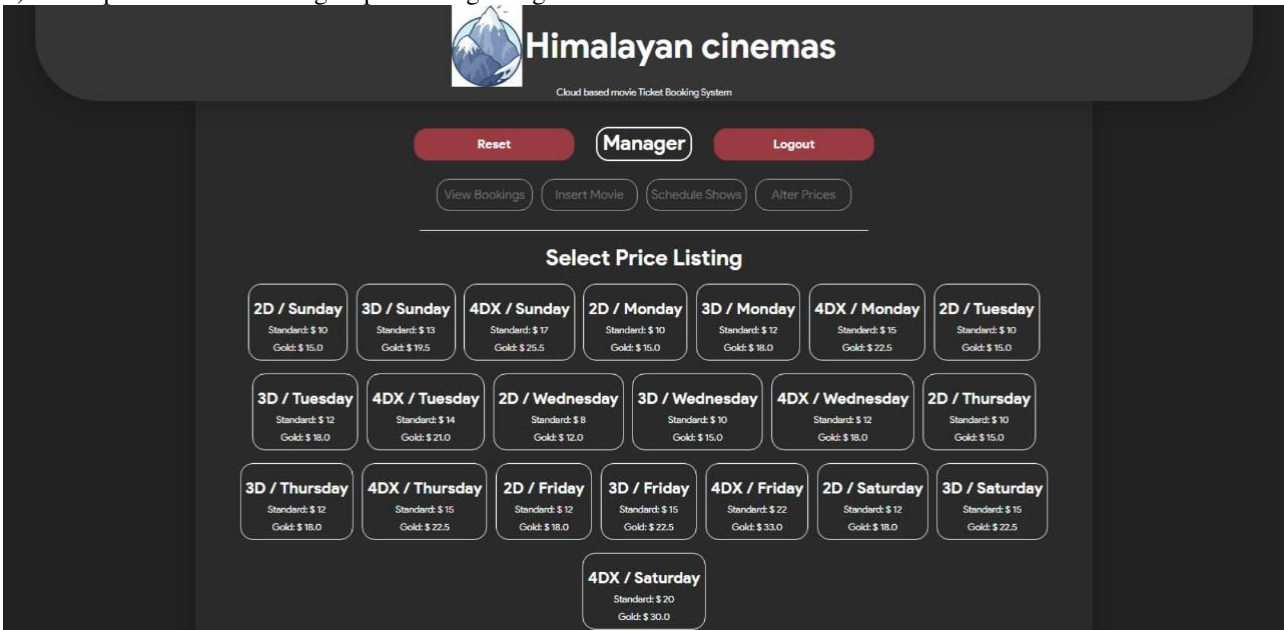


Fig 7 (Himalayan Cinemas)



8) This page is of cashier after Logging in, we have to select Date, Movie, Timing

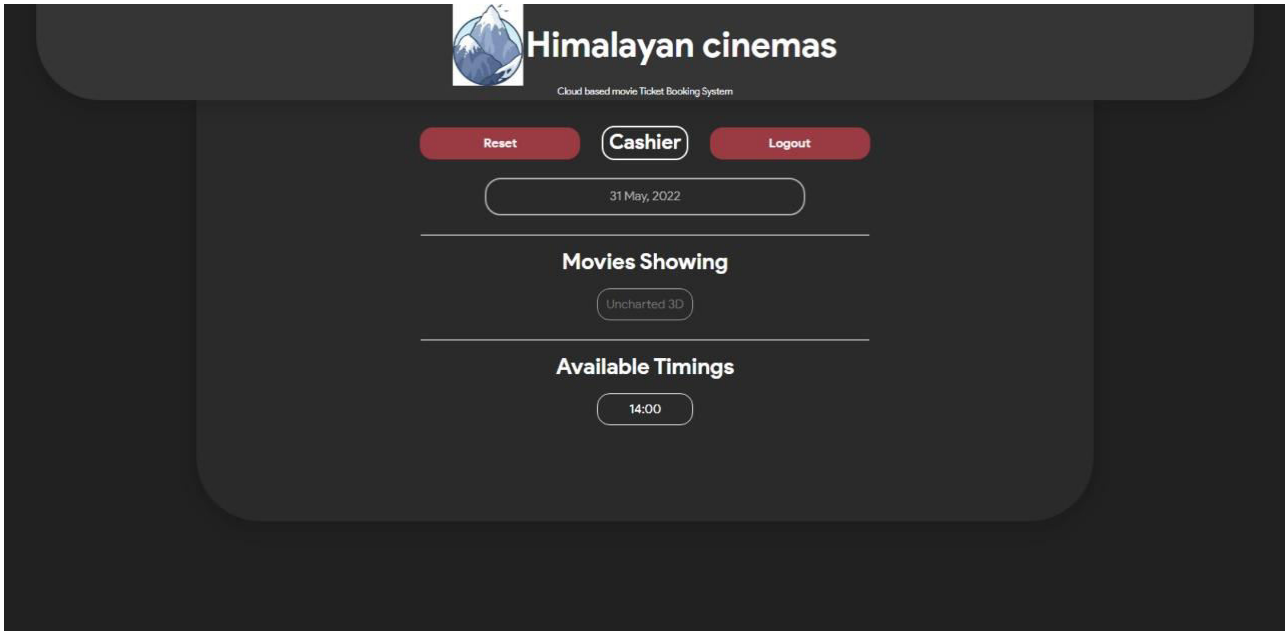


Fig 8(Himalayan Cinemas)

9) Now we have to Select Seats. After Selection click on Confirm Booking.

Hence, You Have Successfully Booked Ticket.

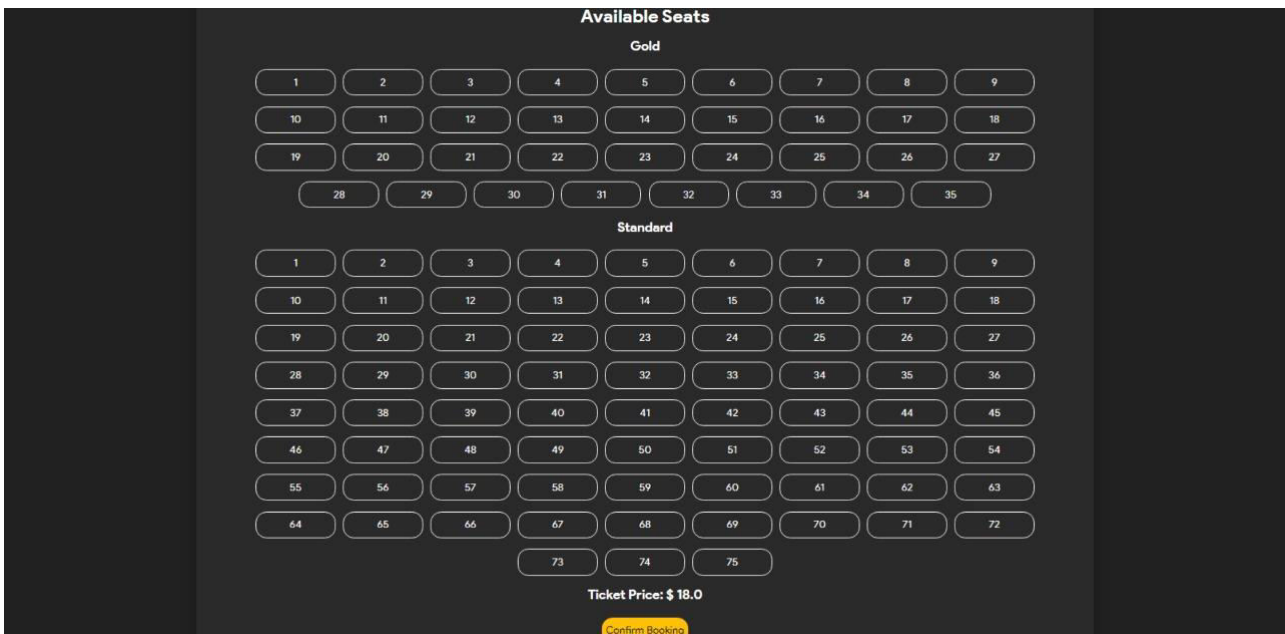


Fig 9 (Himalayan Cinemas)

## V. CONCLUSION

Hence, we have successfully developed a website using Python and Cloud Database which can save the content and is accessible to admin every time and can Access it from signing in from any device.



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**Books**

Hands On Google Cloud SQL and Cloud Spanner - Navin Sabharwal, Shakuntala Gupta Edward





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