

CAPSTONE PROJECT

MY MOVIE PLANE:

Output:

1. Choose AMI2. Choose Instance Type3. Configure Instance4. Add Storage5. Add Tags6. Configure Security Group7. Review

Step 1: Choose an Amazon Machine Image (AMI)

Cancel and Exit

An AMI is a template that contains the software configuration (operating system, application server, and applications) required to launch your instance. You can select an AMI provided by AWS, our user community, or the AWS Marketplace; or you can select one of your own AMIs.

Q Search for an AMI by entering a search term e.g. "Windows"

Search by Systems Manager parameter

Quick Start

My AMIs

Free tier only

Amazon Linux

Pro for crypto

Amazon Linux 2 AMI (HVM), SSD Volume Type - ami-087c17d1fe0178315 (64-bit x86) / ami-029c64b3c205e6cce (64-bit Arm)

Amazon Linux 2 comes with five years support. It provides Linux kernel 4.14 tuned for optimal performance on Amazon EC2, systemd 219, GCC 7.3, Glibc 2.26, Binutils 2.29.1, and the latest software packages through extras. This AMI is the successor of the Amazon Linux AMI that is approaching end of life on December 31, 2020 and has been removed from this wizard.

Root device type: ebsVirtualization type: hvmENA Enabled: Yes

64-bit (x86)

64-bit (Arm)

Select

macOS Big Sur 11.6 - ami-0355f1ed5537c0368

The macOS Big Sur AMI is an EBS-backed, AWS-supported image. This AMI includes the AWS Command Line Interface, Command Line Tools for Xcode, Amazon SSM Agent, and Homebrew. The AWS Homebrew Tap includes the latest versions of multiple AWS packages included in the AMI.

Root device type: ebsVirtualization type: hvmENA Enabled: Yes

64-bit (Mac)

Select

macOS Catalina 10.15.7 - ami-0ae0b6d49088fc747

The macOS Catalina AMI is an EBS-backed, AWS-supported image. This AMI includes the AWS Command Line Interface, Command Line Tools for Xcode, Amazon SSM Agent, and Homebrew. The AWS Homebrew Tap includes the latest versions of multiple AWS packages included in the AMI.

Root device type: ebsVirtualization type: hvmENA Enabled: Yes

64-bit (Mac)

Select

macOS Mojave 10.14.6 - ami-07279d867534aacb6

The macOS Mojave AMI is an EBS-backed, AWS-supported image. This AMI includes the AWS Command Line Interface, Command Line Tools for

Root device type: ebsVirtualization type: hvmENA Enabled: Yes

64-bit (Mac)

Select

FeedbackEnglish (US)

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1. Choose AMI2. Choose Instance Type3. Configure Instance4. Add Storage5. Add Tags6. Configure Security Group7. Review

Step 2: Choose an Instance Type

Amazon EC2 provides a wide selection of instance types optimized to fit different use cases. Instances are virtual servers that can run applications. They have varying combinations of CPU, memory, storage, and networking capacity, and give you the flexibility to choose the appropriate mix of resources for your applications. Learn more about instance types and how they can meet your computing needs.

Filter by: All instance familiesCurrent generationShow/Hide Columns

Currently selected: t2.micro (- ECUs, 1 vCPUs, 2.5 GHz, ~, 1 GiB memory, EBS only)

	Family	Type	vCPUs	Memory (GiB)	Instance Storage (GB)	EBS-Optimized Available	Network Performance	IPv6 Support
<input type="checkbox"/>	t2	t2.nano	1	0.5	EBS only	-	Low to Moderate	Yes
<input checked="" type="checkbox"/>	t2	t2.micro Free tier eligible	1	1	EBS only	-	Low to Moderate	Yes
<input type="checkbox"/>	t2	t2.small	1	2	EBS only	-	Low to Moderate	Yes
<input type="checkbox"/>	t2	t2.medium	2	4	EBS only	-	Low to Moderate	Yes
<input type="checkbox"/>	t2	t2.large	2	8	EBS only	-	Low to Moderate	Yes
<input type="checkbox"/>	t2	t2.xlarge	4	16	EBS only	-	Moderate	Yes
<input type="checkbox"/>	t2	t2.2xlarge	8	32	EBS only	-	Moderate	Yes
<input type="checkbox"/>	t3	t3.nano	2	0.5	EBS only	Yes	Up to 5 Gigabit	Yes
<input type="checkbox"/>	t3	t3.micro	2	1	EBS only	Yes	Up to 5 Gigabit	Yes
<input type="checkbox"/>	t3	t3.small	2	2	EBS only	Yes	Up to 5 Gigabit	Yes

CancelPreviousReview and LaunchNext: Configure Instance Details

FeedbackEnglish (US)

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1. Choose AMI2. Choose Instance Type3. Configure Instance4. Add Storage5. Add Tags6. Configure Security Group7. Review

Step 3: Configure Instance Details

Configure the instance to suit your requirements. You can launch multiple instances from the same AMI, request Spot instances to take advantage of the lower pricing, assign an access management role to the instance, and more.

Number of instances1Launch into Auto Scaling Group

Purchasing option☐ Request Spot instances

Networkvpc-0df264bc3671f6ec2 (default)Create new VPC

SubnetNo preference (default subnet in any Availability Zone)Create new subnet

Auto-assign Public IPUse subnet setting (Enable)

Placement group☐ Add instance to placement group

Capacity ReservationOpen

Domain join directoryNo directoryCreate new directory

IAM roleNoneCreate new IAM role

Shutdown behaviorStop

Stop - Hibernate behavior☐ Enable hibernation as an additional stop behavior

Enable termination protection☐ Protect against accidental termination

Monitoring☐ Enable CloudWatch detailed monitoring
Additional charges apply.

TenancyShared - Run a shared hardware instance

CancelPreviousReview and LaunchNext: Add Storage

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1. Choose AMI2. Choose Instance Type3. Configure Instance4. Add Storage5. Add Tags6. Configure Security Group7. Review

Step 4: Add Storage

Your instance will be launched with the following storage device settings. You can attach additional EBS volumes and instance store volumes to your instance, or edit the settings of the root volume. You can also attach additional EBS volumes after launching an instance, but not instance store volumes. [Learn more about storage options in Amazon EC2.](#)

Volume Type ⓘ	Device ⓘ	Snapshot ⓘ	Size (GiB) ⓘ	Volume Type ⓘ	IOPS ⓘ	Throughput (MB/s) ⓘ	Delete on Termination ⓘ	Encryption ⓘ
Root	/dev/xvda	snap-0696a041095ec5492	<input type="text" value="8"/>	<div>General Purpose SSD (gp2) ▾</div>	100 / 3000	N/A	<input checked="" type="checkbox"/>	<div>Not Encrypte ▾</div>

Add New Volume

Free tier eligible customers can get up to 30 GB of EBS General Purpose (SSD) or Magnetic storage. [Learn more about free usage tier eligibility and usage restrictions.](#)

Cancel

Previous

Review and Launch

Next: Add Tags

Feedback

English (US) ▾

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1. Choose AMI2. Choose Instance Type3. Configure Instance4. Add Storage5. Add Tags6. Configure Security Group7. Review

Step 5: Add Tags

A tag consists of a case-sensitive key-value pair. For example, you could define a tag with key = Name and value = Webserver.
A copy of a tag can be applied to volumes, instances or both.
Tags will be applied to all instances and volumes. [Learn more about tagging your Amazon EC2 resources.](#)

Key ⓘ (128 characters maximum)	Value ⓘ (256 characters maximum)	Instances ⓘ	Volumes ⓘ	Network Interfaces ⓘ
<p><i>This resource currently has no tags</i></p> <p>Choose the Add tag button or click to add a Name tag. Make sure your IAM policy includes permissions to create tags.</p>				

Add Tag (Up to 50 tags maximum)

Cancel

Previous

Review and Launch

Next: Configure Security Group

Feedback

English (US) ▾

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Step 6: Configure Security Group

A security group is a set of firewall rules that control the traffic for your instance. On this page, you can add rules to allow specific traffic to reach your instance. For example, if you want to set up a web server and allow Internet traffic to reach your instance, add rules that allow unrestricted access to the HTTP and HTTPS ports. You can create a new security group or select from an existing one below. Learn more about Amazon EC2 security groups.

Assign a security group: ☒ Create a new security group
☐ Select an existing security group

Security group name:

Description:

Type	Protocol	Port Range	Source	Description
SSH	TCP	22	Custom 0.0.0.0/0	e.g. SSH for Admin Desktop
HTTP	TCP	80	Custom 0.0.0.0/0	e.g. SSH for Admin Desktop
HTTP	TCP	80	Custom ::0	e.g. SSH for Admin Desktop

Add Rule



Warning

Rules with source of 0.0.0.0/0 allow all IP addresses to access your instance. We recommend setting security group rules to allow access from known IP addresses only.

Cancel Previous **Review and Launch**

Step 7: Review Instance Launch

Root device type: sbs Virtualization type: hvm

▼ Instance Type Edit instance type

Instance Type	ECUs	vCPUs	Memory (GiB)	Instance Storage (GB)	EBS-Optimized Available	Network Performance
t2.micro	-	1	1	EBS only	-	Low to Moderate

▼ Security Groups Edit security groups

Security group name: launch-wizard-1
 Description: launch-wizard-1 created 2021-09-26T14:37:03.423-05:00

Type	Protocol	Port Range	Source	Description
SSH	TCP	22	0.0.0.0/0	
HTTP	TCP	80	0.0.0.0/0	
HTTP	TCP	80	::0	

► Instance Details Edit instance details

▼ Storage Edit storage

Volume Type	Device	Snapshot	Size (GiB)	Volume Type	IOPS	Throughput (MB/s)	Delete on Termination	Encrypted
Root	/dev/xvda	snap-0699a041095ec5492	8	gp2	100 / 3000	N/A	Yes	Not Encrypted

► Tags Edit tags

Cancel Previous **Launch**

EC2 > Instances > i-03151d5c74c30423b > Connect to instance

Connect to instance Info

Connect to your instance i-03151d5c74c30423b using any of these options.

EC2 Instance Connect

Session Manager

SSH client

EC2 Serial Console

Instance ID

i-03151d5c74c30423b

1. Open an SSH client.

2. Locate your private key file. The key used to launch this instance is phase5_aws_project.pem

3. Run this command, if necessary, to ensure your key is not publicly viewable.

chmod 400 phase5_aws_project.pem

4. Connect to your instance using its Public DNS:

ec2-54-235-5-192.compute-1.amazonaws.com

Example:

ssh -i "phase5_aws_project.pem" ec2-user@ec2-54-235-5-192.compute-1.amazonaws.com

Note: In most cases, the guessed user name is correct. However, read your AMI usage instructions to check if the AMI owner has changed the default AMI user name.

Cancel

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phase5_aws_project.pem Show all

Launch Status

Your instances are now launching

The following instance launches have been initiated: i-03151d5c74c30423b [View launch log](#)

Get notified of estimated charges

Create billing alerts to get an email notification when estimated charges on your AWS bill exceed an amount you define (for example, if you exceed the free usage tier).

How to connect to your instances

Your instances are launching, and it may take a few minutes until they are in the **running** state, when they will be ready for you to use. Usage hours on your new instances will start immediately and continue to accrue until you stop or terminate your instances.

Click **View Instances** to monitor your instances' status. Once your instances are in the **running** state, you can **connect** to them from the Instances screen. Find out [how to connect to your instances](#).

Here are some helpful resources to get you started

- How to connect to your Linux instance
- Learn about AWS Free Usage Tier
- Amazon EC2: User Guide
- Amazon EC2: Discussion Forum

While your instances are launching you can also

- Create status check alarms to be notified when these instances fail status checks. (Additional charges may apply)
- Create and attach additional EBS volumes. (Additional charges may apply)
- Manage security groups

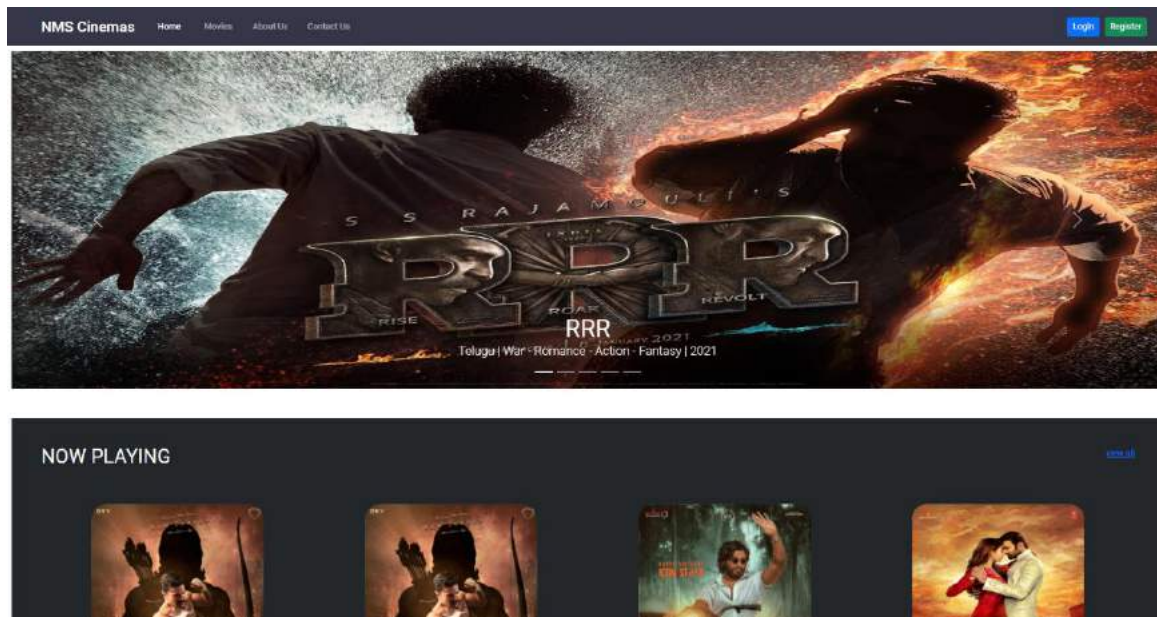
[View Instances](#)

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```
ec2-user@ip-172-31-94-6:~  
Authenticating with public key "imported-openssh-key"  
Last login: Sun Sep 26 22:14:09 2021 from 104-14-74-96.lightspeed.jcsnms.sbcglo  
al.net  
  
  _ | _ | _ )  
  _ | ( _ | /  
  _ | \ _ | _ |  
Amazon Linux 2 AMI  
  
https://aws.amazon.com/amazon-linux-2/  
[ec2-user@ip-172-31-94-6 ~]$  
[ec2-user@ip-172-31-94-6 ~]$ sudo yum update -y  
Loaded plugins: extras_suggestions, langpacks, priorities, update-motd  
amzn2-core  
No Match for argument: -y  
No packages marked for update  
[ec2-user@ip-172-31-94-6 ~]$ sudo wget -O /etc/yum.repos.d/jenkins.repo \  
> https://pkg.jenkins.io/redhat-stable/jenkins.repo  
--2021-09-26 22:31:30-- https://pkg.jenkins.io/redhat-stable/jenkins.repo  
Resolving pkg.jenkins.io (pkg.jenkins.io)... 151.101.250.133, 2a04:4e42:60::645  
Connecting to pkg.jenkins.io (pkg.jenkins.io)|151.101.250.133|:443... connected.  
HTTP request sent, awaiting response... 200 OK  
Length: 85  
Saving to: '/etc/yum.repos.d/jenkins.repo'  
  
100%[=====]  
2021-09-26 22:31:30 (6.08 MB/s) - '/etc/yum.repos.d/jenkins.repo' saved [85/85]  
  
[ec2-user@ip-172-31-94-6 ~]$ sudo rpm --import https://pkg.jenkins.io/redhat-stable/jenkins.io.key  
[ec2-user@ip-172-31-94-6 ~]$ sudo yum upgrade  
Loaded plugins: extras_suggestions, langpacks, priorities, update-motd  
jenkins | 2.9 kB 00:00:00  
jenkins/primary db | 38 kB 00:00:00  
No packages marked for update  
[ec2-user@ip-172-31-94-6 ~]$
```

```
ec2-user@ip-172-31-94-6:~  
Downloading packages:  
(1/2): daemonize-1.7.7-1.el7.x86_64.rpm | 21 kB 00:00:00  
(2/2): jenkins-2.303.1-1.1.noarch.rpm | 69 MB 00:00:20  
-----  
Total 3.4 MB/s | 69 MB 00:00:20  
Running transaction check  
Running transaction test  
Transaction test succeeded  
Running transaction  
Installing : daemonize-1.7.7-1.el7.x86_64 1/2  
Installing : jenkins-2.303.1-1.1.noarch 2/2  
Verifying : daemonize-1.7.7-1.el7.x86_64 1/2  
Verifying : jenkins-2.303.1-1.1.noarch 2/2  
  
Installed:  
jenkins.noarch 0:2.303.1-1.1  
  
Dependency Installed:  
daemonize.x86_64 0:1.7.7-1.el7  
  
Complete!  
[ec2-user@ip-172-31-94-6 ~]$ sudo systemctl start jenkins  
[ec2-user@ip-172-31-94-6 ~]$ sudo systemctl status jenkins  
● jenkins.service - LSB: Jenkins Automation Server  
Loaded: loaded (/etc/rc.d/init.d/jenkins; bad; vendor preset: disabled)  
Active: active (running) since Sun 2021-09-26 22:39:58 UTC; 9s ago  
Docs: man:systemd-sysv-generator(8)  
Process: 5746 ExecStart=/etc/rc.d/init.d/jenkins start (code=exited, status=0/SUCCESS)  
CGroup: /system.slice/jenkins.service  
└─5750 /usr/lib/jvm/java-1.8.0/bin/java -Djava.awt.headless=true -DJENKINS_HOME=/var/lib/jenkins -jar ...  
  
Sep 26 22:39:58 ip-172-31-94-6.ec2.internal systemd[1]: Starting LSB: Jenkins Automation Server...  
Sep 26 22:39:58 ip-172-31-94-6.ec2.internal jenkins[5746]: Starting Jenkins [ OK ]  
Sep 26 22:39:58 ip-172-31-94-6.ec2.internal systemd[1]: Started LSB: Jenkins Automation Server.  
[ec2-user@ip-172-31-94-6 ~]$
```


This is a screenshot of the login page in a web browser. The browser's address bar shows 'localhost:4200/user/login'. The page has a dark theme with a navigation bar at the top containing 'Home', 'Login' (which is underlined), 'Register', and 'Forgot Password'. The main heading is 'Login Page'. There are two input fields: 'Enter your username' with the value 'vishnu1@gmail.com' and 'Enter your password' with masked characters. A blue 'Login' button is positioned below the fields. A 'Password saved' notification is visible in the top right corner of the browser window.This is another screenshot of the same login page, but with a different username entered: 'malatha001@gmail.com'. All other elements, including the navigation bar, headings, input fields, and the 'Login' button, remain the same as in the previous screenshot. The browser address bar still shows 'localhost:4200/user/login' and the 'Password saved' notification is present.

localhost:4200/user/login Password saved

NMS Cinemas Home **Login** Register Forgot Password

Login Page

Enter your username
harrinS@gmail.com

Enter your password

Login

Save passwords in Microsoft Edge to see if they're reused or weak
Save Never

Login Page

Enter your username

Enter your password

Login

localhost:4200/user/register

NMS Cinemas Home Login **Register** Forgot Password

Register Here


Enter your Email

Enter your name +91 Enter your Mobile

Enter your password Select Gender
Male

☒ Agree to terms & conditions

Register

NWD Cinemas			Pricing & Metadata	
Cinema Halls	Shows	Movies		
<div>INCK</div> <div>PVR</div> <div>GOPALAN GRAND MALL</div>	<div><div>Morning Show</div><div>Time: 11:00 AM</div></div> <div><div>Matinee</div><div>Time: 02:00 PM</div></div> <div><div>First Show</div><div>Time: 06:00 PM</div></div> <div><div>Second Show</div><div>Time: 09:00 PM</div></div>	<div></div> <div>Rrr lang: Telugu start: June 2, 2021 end: June 10, 2021</div>		
Add Cinema Hall	Add Show	Add New Movie	Add Movie To The Show	

SHOW

Show

Now Playing

FILTERS

Language


Clear

Genre

Clear


Now Playing

Search for movie, genre or language




Now Playing

RRR



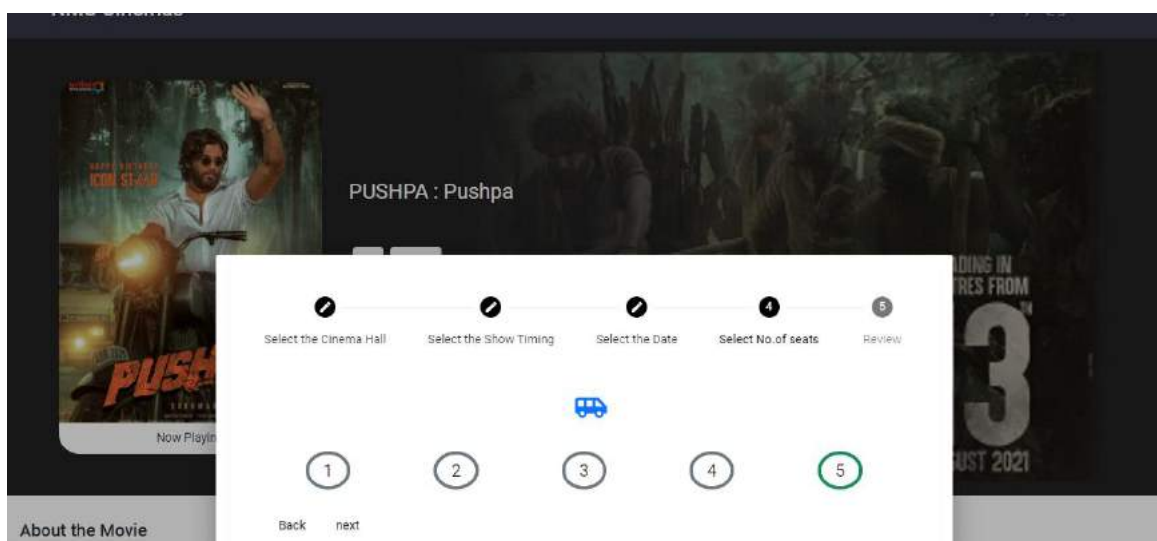
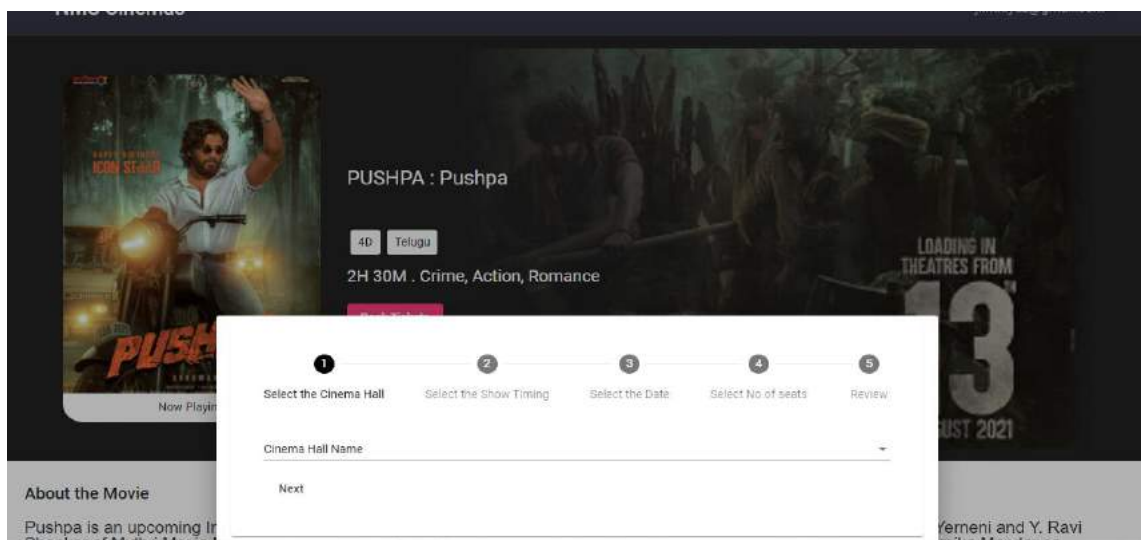
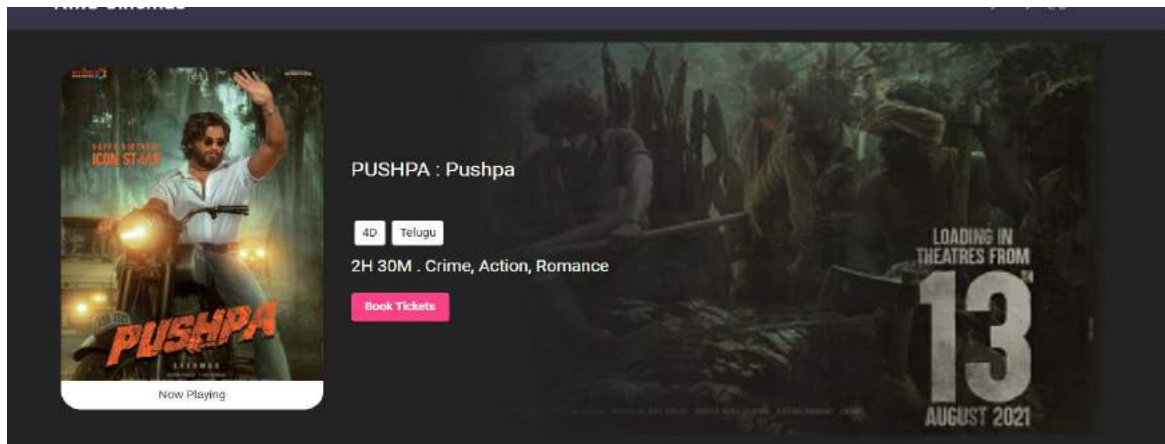
Now Playing

RRR



Now Playing

PUSHPA



Payment Gateway (do not refresh the page)

Booking Details

Auditorium	INOX
Show	First Show
Show Timing	06:00 PM
Movie Name	PUSHPA
Movie Lang	Telugu
Date	Jun 15, 2021

Card Number

15 digit card number

Month Year CVV

Select card expiry month

Select card expiry year

Pay ₹2,200.00

REGISTER NEW AUDITORIUM HERE

1 Auditorium Details

Name

Image URL

Seating Capacity
100

Email Id

Customer Care Number

Address

Next

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ADD NEW MOVIE

1 Movie Details 2 Add Language 3 Add Language 4 Add Cast Details 5 Add Crew Details 6 Review

Name	Release Date 
Image URL	Background Image URL
Duration	Movie Caption
Story 	

Movie: PUSH-IPA

Seats Selected: F4, F5, F6, F7, E5

NOTE: do not refresh the page

Time: 06:00 PM

Amount: 2000

date: Tuesday, June 15, 2021

Proceed

	GOLD ₹900.00									
J										
I										
H										
	SILVER ₹400.00									
G										
F										
E										
D										
	EXECUTIVE ₹300.00									
C										
B										
A										

Screen is like this

Your booking list

Booking 1 2021-06-10
Booking 2 2021-06-15

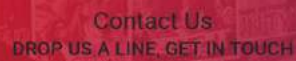


PUSH-IPA

INOX

Movie Language	Telugu
Total seats	5
Seat No.	F4, F5, F6, F7, E5
Price	₹2,000.00
Date	Jun 15, 2021
Time	06:00 PM
Status	Confirmed





100

100

—

 fim@cinemas.com

1-800-894-4059