



PROJECT REPORT

by
H.S. Ganesh Keerthi

MEAN is a free and open-source JavaScript software stack for building dynamic web sites and web applications.

The MEAN stack is MongoDB, Express.js, AngularJS and Node.js. Because all components of the MEAN stack support programs are written in JavaScript, MEAN applications can be written in one language for both server-side and client-side execution environments.

MEAN was coined by Valeri Karpov, a MongoDB developer. He introduced the term in 2013.

The components of the MEAN stack are as follows:

MongoDB, a NoSQL database, to maintain and also have our data without much hassles or complex codes.

Express.js, a web application framework that runs on Node.js platform. It uses simple javascript codes which works with ease when used in proper way.

Angular.js a JavaScript MVC frameworks that run in browser JavaScript engines. It is just an advanced version of HTML (or Bootstrap) to make coding easier.

Node.js, an execution environment for event-driven server-side and networking applications.



mongoDB

MongoDB is a free and open-source cross-platform document-oriented database program. **Classified as a NoSQL database program**, MongoDB uses JSON-like documents with schemas. MongoDB is developed by MongoDB Inc.

What is NoSQL?

NoSQL encompasses a wide variety of different database technologies that were developed in response to the demands presented in building modern applications.

Developers while working with applications that create massive volumes of new, rapidly changing data types — structured, semi-structured, unstructured and polymorphic data which takes more time to develop and also maintain. Now small teams work in agile sprints, iterating quickly and pushing code every week or two, some even multiple times every day.

Applications that once served a finite audience are now delivered as services that must be always-on, accessible from many different devices and scaled globally to millions of users. They are built to take advantage of the commodity storage and processing power available today.

express

Express.js, or simply Express, is a web application framework for Node.js, released as free and open-source software under the MIT License. It is designed for building web applications and APIs. It is in fact the standard server framework for Node.js. It provides a robust set of features for web and mobile applications.

The original author, TJ Holowaychuk, described it as a Sinatra-inspired server, meaning that it is relatively minimal with many features available as plugins. Express is the backend part of the MEAN stack, together with MongoDB database and AngularJS frontend framework.



AngularJS is a JavaScript-based open-source front-end web application framework mainly maintained by Google and by a community of individuals and corporations to address many of the challenges encountered in developing single-page applications. The JavaScript components complement Apache Cordova, the framework used for developing cross-platform mobile apps. It aims to simplify both the development and the testing of such applications by providing a framework for client-side model–view–controller (MVC) and model–view–viewmodel (MVVM) architectures, along with components commonly used in rich Internet applications. In 2014, the original AngularJS team began working on Angular (Application Platform).

The AngularJS framework works by first reading the HTML page, which has additional custom tag attributes embedded into it. Angular interprets those attributes as directives to bind input or output parts of the page to a model that is represented by standard JavaScript variables. The values of those JavaScript variables can be manually set within the code, or retrieved from static or dynamic JSON resources.

According to JavaScript analytics service Libscore, AngularJS is used on the websites of Wolfram Alpha, NBC, Walgreens, Intel, Sprint, ABC News, and about 12,000 other sites out of 1 million tested in October 2016. AngularJS is currently in the top 100 of the most starred projects on GitHub.

AngularJS is the frontend part of the MEAN stack, consisting of MongoDB database, Express.js web application server framework, Angular.js itself, and Node.js server runtime environment.

In AngularJS, “scope” is a certain kind of object that itself can be in scope or out of scope in any given part of the program, following the usual rules of variable scope in JavaScript like any other object. When the term “scope” is used below, it refers to the Angular scope object and not the scope of a name binding.



Node.js® is a JavaScript runtime built on Chrome's V8 JavaScript engine. Node.js uses an event-driven, non-blocking I/O model that makes it lightweight and efficient. Node.js' package ecosystem, npm, is the largest ecosystem of open source libraries in the world.

Node.js is an open-source, cross-platform JavaScript run-time environment for executing JavaScript code through server-side. Historically, JavaScript was used primarily for client-side scripting, in which scripts written in JavaScript are embedded in a webpage's HTML, to be run on client-side by a JavaScript engine in the user's web browser. Node.js enables JavaScript to be used for server-side scripting, and runs scripts server-side to produce dynamic web page content before the page is sent to the user's web browser. Consequently, Node.js has become one of the foundational elements of the “JavaScript everywhere” paradigm, allowing web application development to unify around a single programming language, rather than rely on a different language for writing server side scripts.

Node.js was originally written by Ryan Dahl in 2009. In December 2014, Fedor Indutny started io.js, a fork of Node.js. Due to the internal conflict over Joyent's governance, io.js was created as an open governance alternative with a separate technical committee. Unlike Node.js, the authors planned to keep io.js up-to-date with the latest releases of the Google V8 JavaScript engine. In February 2015, the intent to form a neutral Node.js Foundation was announced. By June 2015, the Node.js and io.js communities voted to work together under the Node.js Foundation



Yeoman is an open source client-side development stack, consisting of tools and frameworks intended to help developers build web applications. Yeoman runs as a command-line interface written for Node.js and combines several functions into one place, such as generating a starter template, managing dependencies, running unit tests, providing a local development server, and optimizing production code for deployment.

Yeoman first creates a basic project structure with vendor libraries included. The most basic Yeoman generator supplies the HTML5 Boilerplate, Normalize.css, the jQuery JavaScript library, and Modernizr as a basic template for developers. Yeoman also runs interactively, asking the developer if they would like additional components such as Twitter Bootstrap or RequireJS (a library to support Asynchronous Module Definition) included.

More sophisticated generators exist, such as ones which scaffold out a client-side MVC (Model-View-Controller) framework, such as the AngularJS or Backbone JavaScript libraries. Yeoman is meant to be modular such that anyone can design a generator to create a template for a particular type of project.

Yeoman was released at Google I/O 2012.

Introduction

This is a movie ticket booking project, being developed as a project with help of NIIT Malleshwaram Faculty, for Mean Stack Certificate Course.

It is designed in three stages, which has a home page with movies which are presently running in the city, a movie page, a theatre page, a show timing page and others. The next stage is the Movies which is diverted to the payment and thereby to the confirmation pages.

The next pages will take you to the process by which this is created, the modules used and then the screen shots of the HTML pages and their respective controllers.

The third stage is the database which is created by the help of “The Movie Database” (TMDB), through an API Key, by which movies are fetched and then mapped to a nearby theatre. It is also copied to the database to show the details on the main page. We can also edit or delete the database in browser as per our requirement.

The references are taken from w3schools.com, getbootstrap.com and other HTML related sites. The faculty was very helpful to develop this project.

Yeoman Generator Structure

```
C:\Users\g_kee\Desktop\yeoman>yo angular-fullstack
[---(o)---]
[---U---]
[---A---]
[---Y---]
[---S---]
[---T---]
[---R---]
[---E---]
[---W---]
[---O---]
[---L---]
[---D---]
[---G---]
[---E---]
[---C---]
[---H---]
[---M---]
[---P---]
[---N---]
[---I---]
[---F---]
[---A---]
[---B---]
[---C---]
[---D---]
[---E---]
[---F---]
[---G---]
[---H---]
[---I---]
[---J---]
[---K---]
[---L---]
[---M---]
[---N---]
[---O---]
[---P---]
[---Q---]
[---R---]
[---S---]
[---T---]
[---U---]
[---V---]
[---W---]
[---X---]
[---Y---]
[---Z---]

Welcome to Yeoman,
ladies and gentlemen!

Out of the box I create an AngularJS app with an Express server.

# Client
? What would you like to write scripts with? Babel
? What would you like to write markup with? HTML
? What would you like to write stylesheets with? CSS
? What Angular router would you like to use? ngRoute
? Would you like to include Bootstrap? Yes
? Would you like to include UI Bootstrap? No

# Server
? What would you like to use for data modeling? Mongoose (MongoDB)
? Would you scaffold out an authentication boilerplate? Yes
? Would you like to include additional OAuth strategies?
? Would you like to use socket.io? Yes

# Project
? Would you like to use Gulp or Grunt? Gulp
? What would you like to write tests with? Mocha + Chai + Sinon
? What would you like to write Chai assertions with? Expect
You're using the fantastic NgComponent generator.
```

Options to select when installing Yeoman

```
create bower.json
create package.json
create .babelrc
create .gitignore
create .bowerrc
create .buildignore
create .editorconfig
create .gitattributes
create .jscsrc
create .travis.yml
create client\htaccess
create client\jshintrc
create client\app\account\login\login.html
create client\app\account\settings\settings.html
create client\app\account\signup\signup.html
create client\app\admin\admin.css
create client\app\admin\admin.html
create client\app\app.css
create client\app\main\main.css
create client\app\main\main.html
create client\assets\images\yeoman.png
create client\components\footer\footer.css
create client\components\footer\footer.html
create client\components\navbar\navbar.html
create client\favicon.ico
create client\index.html
create client\robots.txt
create e2e\account\login\login.po.js
create e2e\account\login\login.spec.js
create e2e\account\logout\logout.spec.js
create e2e\account\signup\signup.po.js
create e2e\account\signup\signup.spec.js
create e2e\components\navbar\navbar.po.js
create e2e\main\main.po.js
create e2e\main\main.spec.js
create gulpfile.babel.js
create karma.conf.js
create mocha.conf.js
create mocha.global.js
create protractor.conf.js
create README.md
create server\jshintrc
create server\jshintrc-spec
create server\api\user\index.js
create server\api\user\index.spec.js
create server\api\user\user.controller.js
create server\api\user\user.events.js
create server\api\user\user.integration.js
create server\api\user\user.model.spec.js
create server\api\user\user.model.js
create server\app.js
create server\auth\auth.service.js
create server\auth\index.js
create server\auth\local\index.js
create server\auth\local\passport.js
create server\components\error\index.js
create server\config\local.env.js
create server\config\local.env.sample.js
create server\config\environment\development.js
create server\config\environment\index.js
create server\config\environment\production.js
create server\config\environment\shared.js
create server\config\environment\test.js
create server\config\express.js
create server\config\seed.js
create server\config\socketio.js
create server\index.js
create server\routes.js
create server\views\404.html
create server\api\thing\thing.controller.js
create server\api\thing\thing.events.js
create server\api\thing\thing.integration.js
create server\api\thing\thing.model.js
create server\api\thing\thing.socket.js
create server\api\thing\index.js
create server\api\thing\index.spec.js
create client\app\account\account.js
create client\app\account\login\login.controller.js
create client\app\account\settings\settings.controller.js
create client\app\account\signup\signup.controller.js
create client\app\admin\admin.controller.js
create client\app\admin\admin.module.js
create client\app\admin\admin.router.js
create client\app\app.js
create client\app\main\main.controller.js
create client\app\main\main.controller.spec.js
create client\app\main\main.js
create client\components\auth\auth.module.js
create client\components\auth\auth.service.js
create client\components\auth\interceptor.service.js
create client\components\auth\route.decorator.js
create client\components\auth\user.service.js
create client\components\footer\footer.directive.js
create client\components\mongoose-error\mongoose-error.directive.js
create client\components\navbar\navbar.controller.js
create client\components\navbar\navbar.directive.js
create client\components\socket\socket.mock.js
create client\components\socket\socket.service.js
create client\components\util\util.module.js
create client\components\util\util.service.js
```

Files getting installed while installing Yeoman

```

npm WARN optional SKIPPING OPTIONAL DEPENDENCY: fsevents@1.0.0 (node_modules\chokidar\node_modules\fsevents):
npm WARN notsup SKIPPING OPTIONAL DEPENDENCY: Unsupported platform for fsevents@1.1.3: wanted {"os":"darwin","arch":"any"} (current: {"os":"win32","arch":"x64"})
npm WARN optional SKIPPING OPTIONAL DEPENDENCY: fsevents@1.0.0 (node_modules\nodemodern\node_modules\chokidar\node_modules\fsevents):
npm WARN notsup SKIPPING OPTIONAL DEPENDENCY: Unsupported platform for fsevents@1.1.3: wanted {"os":"darwin","arch":"any"} (current: {"os":"win32","arch":"x64"})
bower angular-resource#~1.5.0 cached https://github.com/angular/bower-angular-resource.git#1.5.11
bower angular-resource#~1.5.0 validate 1.5.11 against https://github.com/angular/bower-angular-resource.git#~1.5.0
bower lodash#~2.4.1 cached https://github.com/lodash/lodash.git#2.4.2
bower lodash#~2.4.1 validate 2.4.2 against https://github.com/lodash/lodash.git#~2.4.1
bower angular#~1.5.0 cached https://github.com/angular/bower-angular.git#1.5.11
bower angular#~1.5.0 validate 1.5.11 against https://github.com/angular/bower-angular.git#~1.5.0
bower bootstrap#~3.1.1 cached https://github.com/twbs/bootstrap.git#3.1.1
bower bootstrap#~3.1.1 validate 3.1.1 against https://github.com/twbs/bootstrap.git#~3.1.1
bower angular-sanitize#~1.5.0 cached https://github.com/angular/bower-angular-sanitize.git#1.5.11
bower angular-sanitize#~1.5.0 validate 1.5.11 against https://github.com/angular/bower-angular-sanitize.git#~1.5.0
bower angular-cookies#~1.5.0 cached https://github.com/angular/bower-angular-cookies.git#1.5.11
bower angular-cookies#~1.5.0 validate 1.5.11 against https://github.com/angular/bower-angular-cookies.git#~1.5.0
bower angular-socket-io#~0.7.0 cached https://github.com/btford/angular-socket-io.git#0.7.0
bower angular-socket-io#~0.7.0 validate 0.7.0 against https://github.com/btford/angular-socket-io.git#~0.7.0
bower es5-shim#~3.0.1 cached https://github.com/es-shims/es5-shim.git#3.0.2
bower es5-shim#~3.0.1 validate 3.0.2 against https://github.com/es-shims/es5-shim.git#~3.0.1
bower json3#~3.3.1 cached https://github.com/bestiejs/json3.git#3.3.2
bower json3#~3.3.1 validate 3.3.2 against https://github.com/bestiejs/json3.git#~3.3.1
bower angular-mocks#~1.5.0 cached https://github.com/angular/bower-angular-mocks.git#1.5.11
bower angular-mocks#~1.5.0 validate 1.5.11 against https://github.com/angular/bower-angular-mocks.git#~1.5.0
bower font-awesome#~4.1.0 cached https://github.com/FortAwesome/Font-Awesome.git#4.1.0
bower font-awesome#~4.1.0 validate 4.1.0 against https://github.com/FortAwesome/Font-Awesome.git#~4.1.0
bower angular-route#~1.5.0 cached https://github.com/angular/bower-angular-route.git#1.5.11
bower angular-route#~1.5.0 validate 1.5.11 against https://github.com/angular/bower-angular-route.git#~1.5.0
bower angular-validation-match#~1.5.2 cached https://github.com/TheSharpieOne/angular-validation-match.git#1.5.2
bower angular-validation-match#~1.5.2 validate 1.5.2 against https://github.com/TheSharpieOne/angular-validation-match.git#~1.5.2
bower jquery#>= 1.9.0 cached https://github.com/jquery/jquery-dist.git#3.3.1
bower jquery#>= 1.9.0 validate 3.3.1 against https://github.com/jquery/jquery-dist.git#~1.9.0
bower font-awesome#~4.1.0 new version for https://github.com/FortAwesome/Font-Awesome.git#~4.1.0
bower font-awesome#~4.1.0 resolve https://github.com/FortAwesome/Font-Awesome/archive/5.0.6.tar.gz
bower font-awesome#~4.1.0 download https://github.com/FortAwesome/Font-Awesome/archive/5.0.6.tar.gz
bower font-awesome#~4.1.0 extract archive.tar.gz
bower lodash#~2.4.1 resolved https://github.com/FortAwesome/Font-Awesome.git#5.0.6
bower angular-sanitize#~1.5.0 install lodash#2.4.2
bower bootstrap#~3.1.1 install angular-sanitize#1.5.11
bower angular#~1.5.0 install bootstrap#3.1.1
bower angular-resource#~1.5.0 install angular#1.5.11
bower angular-socket-io#~0.7.0 install angular-resource#1.5.11
bower es5-shim#~3.0.1 install angular-socket-io#0.7.0
bower json3#~3.3.1 install es5-shim#3.0.2
bower angular-cookies#~1.5.0 install json3#3.3.2
bower angular-mocks#~1.5.0 install angular-cookies#1.5.11
bower angular-validation-match#~1.5.2 install angular-mocks#1.5.11
bower angular-route#~1.5.0 install angular-validation-match#1.5.2
bower jquery#>= 1.9.0 install angular-route#1.5.11
bower font-awesome#~4.1.0 install jquery#3.3.1
bower font-awesome#~4.1.0 install font-awesome#5.0.6

```

Modules getting installed while installing Yeoman

yeoman Home

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'Allo, 'Allo!

Kick-start your next web app with Angular Fullstack



YEOUMAN

Features:

Modular Structure	x	Server and Client integration	x	Development Tools	x
Smart Build System	x	Deployment Ready	x	Optimized Build	x
Syncs in realtime across clients					
Add a new thing here.					Add New

Angular Fullstack v3.7.6 | [@lyhenkel](#) | [Issues](#)

Yeoman main page

Main Page

MeanStack Project [Home](#) [Movie Rating](#)

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Navbar



Movies in Malls

● ○ ○

Carousel

MOVIES RUNNING



Bhaagamathie

Thriller
UV Creations

The rating is : 4

[Book Now](#)



Star Wars: The Last Jedi

Action,Adventure,Fantasy,Science Fiction
Lucasfilm

The rating is : 3.16

[Book Now](#)



Hebbuli

Drama,Action
Umapathy Productions

The rating is : 4.5

[Book Now](#)

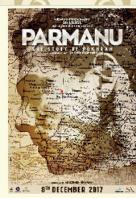


Velaikkaran

Action,Drama,Thriller
24AM Studios

The rating is : 2.5

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Parmanu: The Story of Pokhran

KriArj Entertainment

The rating is : 3

[Book Now](#)



Padmaavat

Drama
Bhanassi Productions

The rating is : 2

[Book Now](#)



Jumanji: Welcome to the Jungle

Action,Adventure,Comedy,Family
Radar Pictures Inc.

The rating is : 4

[Book Now](#)



Pushpaka Vimana

Comedy,Family,Drama
Pawan Wadeyar Film Factory

The rating is : 3

[Book Now](#)



Mayaanadhi

Drama,Romance
Dream Mill Cinemas and Entertainments PVT LTD

The rating is : 2.5

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Balloon

Thriller,Horror
Farmer's Master Plan Production

[Book Now](#)



Vimanam

Adventure,Drama
Magic Frames

[Book Now](#)



Saaho

Thriller,Action
Studio Green

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Movies mapped

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Coded by H.S. Ganesh Keerthi & helped by Faculty Mahalakshmi

References: w3schools.com, getbootstrap.com & other sites



Footer

The main page is composed of a Navigation bar with the menu items hyperlinked to other pages embedded in angular view, so that it will be shown in other pages also. A carousel indicating a theatre, a mall and theatre screen.

You can also find the movies which are mapped to the nearby theatre. You can find various language movies which are shown here.

Show Details

MeanStack Project

Home

Movies

Theatre

Moviemap

Movie Rating

Admin

Hello Admin



Logout

Select your Theatre and Show Time

Bhaagamathie



5-2-2018 6-2-2018 7-2-2018 8-2-2018 9-2-2018 10-2-2018 11-2-2018

Current Date/Time is: Sun Feb 25 2018 19:46:04 GMT+0530 (India Standard Time)

Cauvery	12:30PM	04:00PM
---------	---------	---------

Esteem Mall	09:00AM
-------------	---------

DRC Cinemas	08:30PM
-------------	---------

Select the date for theatre and showtimes

Show details is the page where we will get the details of which movie is shown in which theatre and what are the show timings.

Seat Arrangement

MeanStack Project Home Movie Rating

Sign up Login

STAR WARS: THE LAST JEDI

Your Selected Details

Theatre Name : Cauvery
Show Date: 5-2-2018
Show Time: 09:30PM

Select Your Class:

Gold

Legend of Seats

Unselected Selected Booked

Screen

Gold Class

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
A	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>						
B	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>																	
C	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>						
D	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>						
E	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>						

[Book Seats](#) [Reject](#)

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MeanStack Project

Home

Movie Rating

Sign up Login

STAR WARS: THE LAST JEDI

Your Selected Details

Theatre Name : Cauvery
Show Date: 5-2-2018
Show Time: 09:30PM

Select Your Class:

Silver

Legend of Seats

Unselected Selected Booked

Screen

Silver Class

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
F	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>																	
G	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>									
H	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>									
I	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>									
J	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>									

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Navigation

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Seat arrangement shows you the seat layout, in which you can book the seats for a particular movie. You can also find the legend to show the unbooked seats, the booked seats and also the seats which are already booked.

Online Payment

SELECT YOUR TRANSACTION



Click on the card to make payment through billdesk

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About Me

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Navigation

Home
Movies

YOUR SELECTED MOVIE DETAILS

Movie Name	Parmanu: The Story of Pokhran
Theatre Name	Padma Talkies
Class	Gold
Movie Date	6-2-2018
Movie Timing	12:30PM
Seat Number	B4
No. of Tickets	1
Total Cost	200

Onlie payment page introduces you to the card which you use to make any transaction and also briefly explains the movie details which you have booked.

It hazz the options for debit and credit cards, which you just click on it to take it to the details which you have to enter to initiate the payment for booking the movie show and timing.

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References: w3schools.com, getbootstrap.com & other sites



Online Payment Info

MeanStack Project Home Movie Rating

Sign up Login

Enter your Card Details

Name of Card Holder	<input type="text" value="Your Name"/>		
Card Number	<input type="text" value="Your Card Number"/>		
CCV Number	<input type="text" value="CCV Number"/>	Card Expiry Date	<input type="text" value="mm/dd/yyyy"/>
Total Amount	<input type="text" value="200"/>	ATM Pin No.	<input type="text" value="PIN No."/>

[Make Payment](#)

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References: w3schools.com, getbootstrap.com & other sites



Onlie payment info gives you the option you have to enter for initiating the payment process, where you have to enter your name, card details and also the timing and other details.

Confirmation

CONFIRMATION PAGE

Theatre Name	Cauvery
Movie Name	Star Wars: The Last Jedi
Movie Date	5-2-2018
Movie Timing	09:30PM
Class	Silver
Seat Numbers	A4
Number of Tickets	1
Total Cost	200

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Confirmation page gives the complete details of the movie booked, it acts as an acknowledgement for the ticket booked, so that when anybody goes to the movie by taking a copy of the confirmation, it acts as the ticket for particular show and also number of people going to see the show and also the amount paid.

Movie Rating

MeanStack Project Home Movie Rating Hello Test User Logout

Movie Rating

Star Wars: The Last Jedi

★★★★★ 4

Submit Rating

Bhaagamathie

Rate your Movie

Star Wars: The Last Jedi

Rate your Movie

Hebbuli

Rate your Movie

Velaikkaran

Rate your Movie

Parmanu: The Story of Pokhran

Rate your Movie

Padmaavat

Rate your Movie

Jumanji: Welcome to the Jungle

Rate your Movie

Pushpaka Vimana

Rate your Movie

Mayaanadhi

Rate your Movie

Balloon

Rate your Movie

Vimanam

Rate your Movie

Sahoo

Rate your Movie

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THE MOVIE DB

Movie Rating is the page where you can give the rating for particular movie. The average rating will be shown in the main page. As you click on the button to rate the particular movie, you will get a modal widow where you can give the rating and also submit it to the database, where you can get the list of all the ratings.

Movies Page

MeanStack Project

Home

Movies

Theatre

Moviemap

Seat Arrangement

Sign up Login

Search for your favourite movies

Movie Name

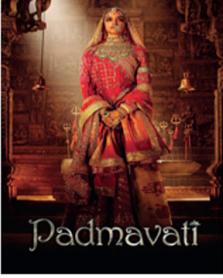
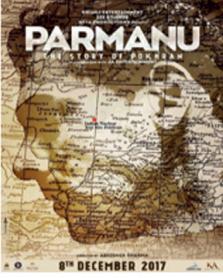
Year of Release

Search Movie

Poster	Title	Genre	Overview	Released	Duration	Production

Add movie to Database

Movies in Database

Poster	Title	Genre	Overview	Released	Duration	Production	
	Padmaavat	Drama	Rani Padmavati - the wife of Maharawal Ratan Singh, is known for her beauty and valour in 13th century India. She captures the fancy of the reigning Sultan of Delhi, the tyrant Alauddin Khilji, who becomes obsessed with her and goes to great lengths to fulfill his greed.	2018-01-25	164 minutes	Bhansali Productions	
	Parmanu: The Story of Pokhran		A film based on India's nuclear bomb tests in 1998.	2017-12-08	0 minutes	KriArj Entertainment	

The movies page has a column to search for the movies in the database (TMDB) which even gives the various details of the movie we have searched.

We can get details like, movie poster, release date, genre, title, overview, duration, production company and many more. There is also a delete icon (trash) which deletes the movie which are not needed from the database and also the page.

Theatre Page

MeanStack Project Home Movies

Theatre

Moviemap

Seat Arrangement

Sign up Login

Here is the list of Theatres in your City

Theatre Name
city
area

Add Theatre **Reset**

Theatre in Database

Theatre Name	City	Area	Setting
Sampige	Bangalore	Sampige Road, Malleshwaram	 
Urvashi	Bangalore	Lalbagh Road	 
Vaibhav	Bangalore	Sanjaynagar	 
Esteem Mall	Bangalore	New Airport Road	 
Innovative Multiplex	Bangalore	Marathahalli Village	 
Mantri Mall	Bangalore	Malleshwaram	 
Inox Cinemas	Mysore	Nazarbad Mohalla	 
Saraswathi	Mysore	Saraswathipuram	 
Shantala	Mysore	Chamaraja Double Road	 
DRC Cinemas	Mysore	Jayalakshmipuram	 
Balaji Deluxe Theatre	Mysore	Bannimantap Industrial Area	 
Gayathri	Mysore	K.R. Mohalla	 
Padma Talkies	Mysore	Ramachandra Agrahara	 
Cauvery	Bangalore	Sankey Road, Guttahalli	 

Theatre page shows the name of the theatre in the city, the area theatre is situated. It also has a setting to delete the theatre and also edit the details of the selected theatre.

I have selected 2 cities (Bangalore and Mysore) and some theatres situated there.

The theatre details are also copied to database for future use.

Movie Mapping

MAPPING YOUR MOVIE

Movies

City

Theatres

Date

Add Date

Time

Add Time

Save Mapping Details

MOVIE MAP IN DATABASE

City	Movie Name	Theatre Name	Show Timings	
Bangalore	Bhaagamathie	Cauvery	["12:30PM","04:00PM"]	
Bangalore	Bhaagamathie	Esteem Mall	["09:00AM"]	
Mysore	Bhaagamathie	DRC Cinemas	["08:30PM"]	
Bangalore	Star Wars: The Last Jedi	Cauvery	["09:30PM"]	
Bangalore	Star Wars: The Last Jedi	Mantri Mall	["09:00AM"]	
Mysore	Star Wars: The Last Jedi	Inox Cinemas	["04:00PM","09:30PM"]	
Bangalore	Hebbuli	Sampige	["09:00AM"]	
Bangalore	Hebbuli	Urvashi	["04:00PM"]	
Bangalore	Hebbuli	Innovative Multiplex	["04:00PM","09:30PM"]	

Movie mapping shows the movie names and also the theatre in which the movie is shown. It also shows the date the movie is shown and also the time of the show.

The details are then copied to the database, from where the details are shown on the main page.