**Course Code: INT 222**

**Course Name: Advanced Web Development**

Submitted by

**Name:- Ronak Malpani**

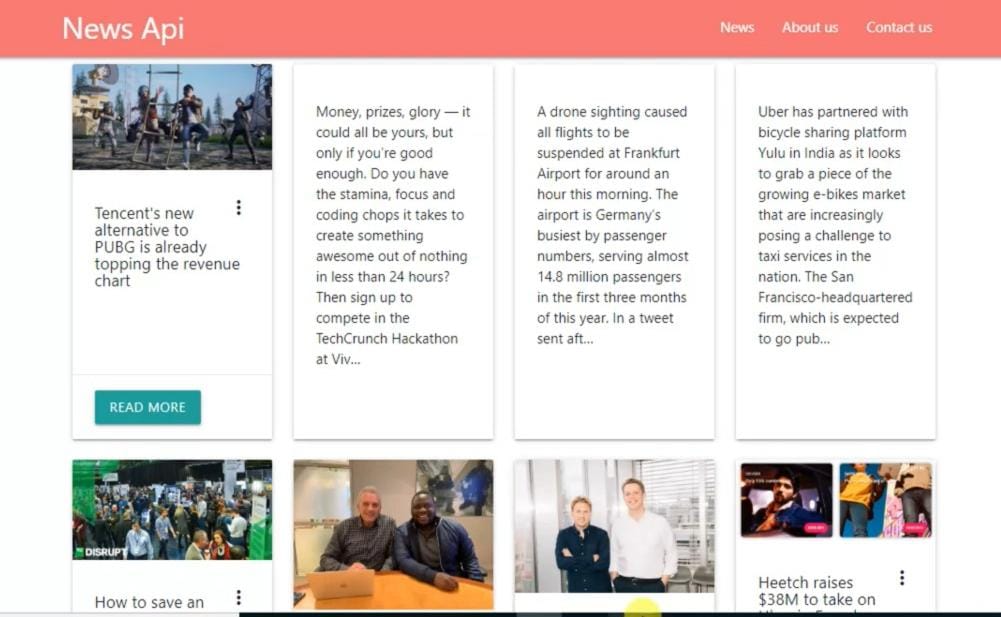
**Registration No: 11709771**

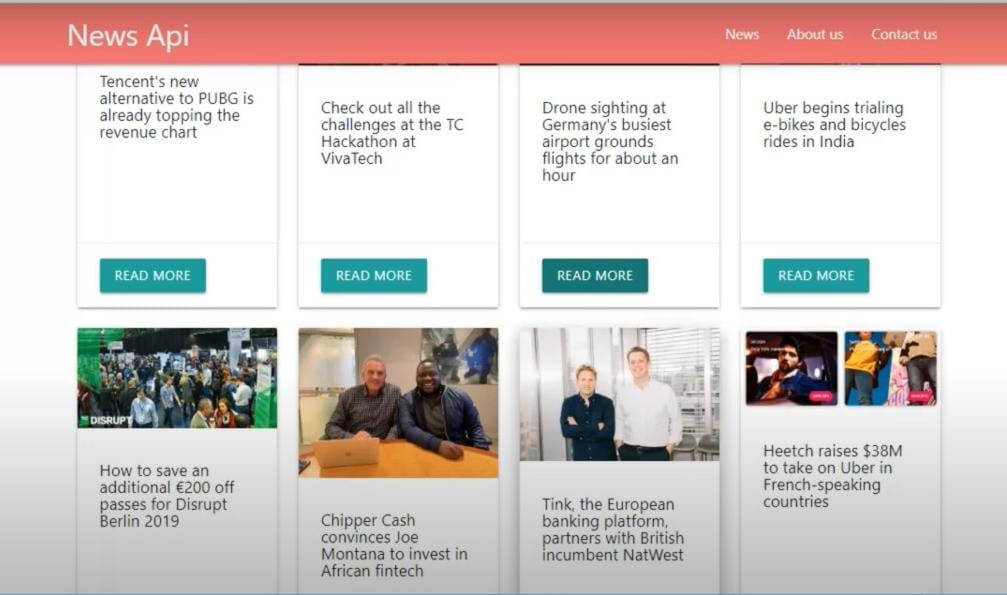
**Roll no: 54**

**Section:-**

Submitted to

**Ms. Neha Sharma Ma’am**







code:-

[**news-portal-node-js**](https://github.com/natanael-silvamt/news-portal-node-js)**/**[**app**](https://github.com/natanael-silvamt/news-portal-node-js/tree/master/app)**/**[**controllers**](https://github.com/natanael-silvamt/news-portal-node-js/tree/master/app/controllers)**/admin.js**

module.exports.formulario\_inclusao\_noticia = function (application, req, res) {

res.render("admin/form\_add\_noticia", {validacao : {}, noticia : {}});

}

module.exports.noticias\_salvar = function(application, req, res){

var noticia = req.body;

req.assert('titulo', 'Título é obrigatório').notEmpty();

req.assert('resumo', 'Resumo é obrigatório').notEmpty();

req.assert('resumo', 'Resumo deve conter entre 10 e 100 caracteres').len(10, 100);

req.assert('autor', 'Autor é obrigatório').notEmpty();

req.assert('data\_noticia', 'Data é obrigatório').notEmpty();

req.assert('noticia', 'Notícia é obrigatório').notEmpty();

var erros = req.validationErrors();

if(erros){

res.render("admin/form\_add\_noticia", {validacao: erros, noticia: noticia});

return;

}

var connection = application.config.dbConnection();

connection.connect();

var noticiasDAO = new application.app.models.NoticiasDAO(connection);

noticiasDAO.salvarNoticia(noticia, function(error, result){

res.redirect('/noticias');

});

}

## [news-portal-node-js](https://github.com/natanael-silvamt/news-portal-node-js)/[app](https://github.com/natanael-silvamt/news-portal-node-js/tree/master/app)/[controllers](https://github.com/natanael-silvamt/news-portal-node-js/tree/master/app/controllers)/****home.js****

module.exports.index = function (application, req, res) {

var connection = application.config.dbConnection();

connection.connect();

var noticiasModel = new application.app.models.NoticiasDAO(connection);

noticiasModel.get5UltimasNoticias(function(error, result){

res.render("home/index", {noticias : result});

});

}

## [news-portal-node-js](https://github.com/natanael-silvamt/news-portal-node-js)/[app](https://github.com/natanael-silvamt/news-portal-node-js/tree/master/app)/[controllers](https://github.com/natanael-silvamt/news-portal-node-js/tree/master/app/controllers)/****noticias.js****

module.exports.noticias = function (application, req, res) {

var connection = application.config.dbConnection();

connection.connect();

var noticiasDAO = new application.app.models.NoticiasDAO(connection);

noticiasDAO.getNoticias(function(error, result){

res.render("noticias/noticias", {noticias : result});

});

}

module.exports.noticia = function (application, req, res) {

var connection = application.config.dbConnection();

connection.connect();

var noticiasDAO = new application.app.models.NoticiasDAO(connection);

var id\_noticia = req.query;

noticiasDAO.getNoticia(id\_noticia, function(error, result){

res.render("noticias/noticia", {noticia : result});

});

}

## [news-portal-node-js](https://github.com/natanael-silvamt/news-portal-node-js)/[app](https://github.com/natanael-silvamt/news-portal-node-js/tree/master/app)/[models](https://github.com/natanael-silvamt/news-portal-node-js/tree/master/app/models)/****NoticiasDAO.js****

function NoticiasDAO(connection){

this.\_connection = connection;

}

NoticiasDAO.prototype.getNoticias = function(callback){

this.\_connection.query('select \* from noticias order by data\_criacao desc', callback);

}

NoticiasDAO.prototype.getNoticia = function(id\_noticia, callback){

this.\_connection.query('select \* from noticias where id\_noticia = ' + id\_noticia.id\_noticia, callback);

}

NoticiasDAO.prototype.salvarNoticia = function(noticia, callback){

var aux = "(" + "'" + noticia['titulo'] + "'" + ", " + "'" + noticia['noticia'] + "'" +

", " + "'" + noticia['resumo'] + "'" + ", " + "'" + noticia['autor'] + "'" +

", " + "'" + noticia['data\_noticia'] + "'" + ")";

this.\_connection.query('insert into noticias (titulo, noticia, resumo, autor, data\_noticia) values ' + aux, callback);

}

NoticiasDAO.prototype.get5UltimasNoticias = function(callback){

this.\_connection.query('select \* from noticias order by data\_criacao desc limit 5', callback);

}

module.exports = function () {

return NoticiasDAO;

}

## [news-portal-node-js](https://github.com/natanael-silvamt/news-portal-node-js)/[app](https://github.com/natanael-silvamt/news-portal-node-js/tree/master/app)/[public](https://github.com/natanael-silvamt/news-portal-node-js/tree/master/app/public)/[css](https://github.com/natanael-silvamt/news-portal-node-js/tree/master/app/public/css)

body{

background:#F8F8F8;

}

a:hover{

text-decoration: none;

color:#000;

}

.noticia\_wrapper{

background-color: #FFF;

padding:15px;

margin-bottom:15px;

box-shadow: 1px 1px 2px #C3C3C3;

}

.navbar{

background:#FFF;

}

.noticia\_autor{

color: #FF7C26;

display: block;

}

.noticia\_titulo{

color:#000;

font-size:22px;

text-decoration: none;

}

.noticia\_data{

color:#727272;

display: block;

}

.noticia\_resumo{

color:#333;

margin-right:10px;

}

.ver\_mais{

text-align: center;

background:#FFF;

padding:20px;

}

## [news-portal-node-js](https://github.com/natanael-silvamt/news-portal-node-js)/[app](https://github.com/natanael-silvamt/news-portal-node-js/tree/master/app)/[routes](https://github.com/natanael-silvamt/news-portal-node-js/tree/master/app/routes)/****admin.js**** /

module.exports = function (application){

application.get('/formulario\_inclusao\_noticia', function (req, res){

application.app.controllers.admin.formulario\_inclusao\_noticia(application, req, res);

});

application.post('/noticias/salvar', function (req, res){

application.app.controllers.admin.noticias\_salvar(application, req, res);

});

}

[**news-portal-node-js**](https://github.com/natanael-silvamt/news-portal-node-js)**/**[**app**](https://github.com/natanael-silvamt/news-portal-node-js/tree/master/app)**/**[**routes**](https://github.com/natanael-silvamt/news-portal-node-js/tree/master/app/routes)**/home.js /**

module.exports = function (application) {

application.get('/', function (req, res){

application.app.controllers.home.index(application, req, res);

});

};

[**news-portal-node-js**](https://github.com/natanael-silvamt/news-portal-node-js)**/**[**app**](https://github.com/natanael-silvamt/news-portal-node-js/tree/master/app)**/**[**routes**](https://github.com/natanael-silvamt/news-portal-node-js/tree/master/app/routes)**/noticias.js /**

module.exports = function (application) {

application.get('/noticias', function (req, res){

application.app.controllers.noticias.noticias(application, req, res);

});

application.get('/noticia', function (req, res){

application.app.controllers.noticias.noticia(application, req, res);

});

};

## [news-portal-node-js](https://github.com/natanael-silvamt/news-portal-node-js)/[app](https://github.com/natanael-silvamt/news-portal-node-js/tree/master/app)/[views](https://github.com/natanael-silvamt/news-portal-node-js/tree/master/app/views)/[admin](https://github.com/natanael-silvamt/news-portal-node-js/tree/master/app/views/admin)/****form\_add\_noticia.ejs****

<!DOCTYPE HTML>

<html lang="pt-br">

<head>

<meta charset="UTF-8">

<title>Portal de notícias</title>

<!-- JQuery -->

<script src="js/jquery-2.2.1.js"></script>

<!-- bootstrap - link cdn -->

<link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.6/css/bootstrap.min.css" integrity="sha384-1q8mTJOASx8j1Au+a5WDVnPi2lkFfwwEAa8hDDdjZlpLegxhjVME1fgjWPGmkzs7" crossorigin="anonymous">

<!-- incluindo css -->

<link href="css/style.css" rel="stylesheet">

<!-- favicon -->

<link rel="shortcut icon" href="images/favicon.ico" />

</head>

<body>

<nav class="navbar navbar-default navbar-static-top">

<div class="container">

<div class="navbar-header">

<button type="button" class="navbar-toggle collapsed" data-toggle="collapse" data-target="#navbar" aria-expanded="false" aria-controls="navbar">

<span class="sr-only">Toggle navigation</span>

<span class="icon-bar"></span>

<span class="icon-bar"></span>

<span class="icon-bar"></span>

</button>

<img src="images/logo.png" />

</div>

<div id="navbar" class="navbar-collapse collapse">

<ul class="nav navbar-nav navbar-right">

<li><a href="index.html">HOME</a></li>

</ul>

</div>

</div>

</nav>

<div class="container">

<% if(validacao.length > 0) { %>

<div class="row">

<div class="col-md-12">

<div class="alert alert-danger">

<strong>Atenção!</strong>

<ul>

<% for(var i = 0; i < validacao.length; i++) { %>

<li><%= validacao[i].msg %></li>

<% } %>

</ul>

</div>

</div>

</div>

<% } %>

<div class="row">

<div class="col-md-12">

<form action="/noticias/salvar" method="POST">

<div class="form-group">

<label for="titulo">Título:</label>

<input type="text" class="form-control" id="titulo" name="titulo">

</div>

<div class="form-group">

<label for="pwd">Resumo:</label>

<input type="text" class="form-control" id="resumo" name="resumo">

</div>

<div class="form-group">

<label for="pwd">Autor:</label>

<input type="text" class="form-control" id="autor" name="autor">

</div>

<div class="form-group">

<label for="pwd">Data:</label>

<input type="date" class="form-control" id="data\_noticia" name="data\_noticia">

</div>

<div class="form-group">

<label for="pwd">Notícia:</label>

<textarea class="form-control" id="noticia" name="noticia"></textarea>

</div>

<button type="submit" class="btn btn-default">Cadastrar</button>

</form>

</div>

</div>

</div>

<script src="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.6/js/bootstrap.min.js" integrity="sha384-0mSbJDEHialfmuBBQP6A4Qrprq5OVfW37PRR3j5ELqxss1yVqOtnepnHVP9aJ7xS" crossorigin="anonymous"></script>

</body>

</html>

## [news-portal-node-js](https://github.com/natanael-silvamt/news-portal-node-js)/[app](https://github.com/natanael-silvamt/news-portal-node-js/tree/master/app)/[views](https://github.com/natanael-silvamt/news-portal-node-js/tree/master/app/views)/[home](https://github.com/natanael-silvamt/news-portal-node-js/tree/master/app/views/home)/****index.ejs****

<!DOCTYPE HTML>

<html lang="pt-br">

<head>

<meta charset="UTF-8">

<title>Portal de notícias</title>

<!-- JQuery -->

<script src="js/jquery-2.2.1.js"></script>

<!-- bootstrap - link cdn -->

<link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.6/css/bootstrap.min.css" integrity="sha384-1q8mTJOASx8j1Au+a5WDVnPi2lkFfwwEAa8hDDdjZlpLegxhjVME1fgjWPGmkzs7" crossorigin="anonymous">

<!-- incluindo css -->

<link href="css/style.css" rel="stylesheet">

<!-- favicon -->

<link rel="shortcut icon" href="images/favicon.ico" />

</head>

<body>

<nav class="navbar navbar-default navbar-static-top">

<div class="container">

<div class="navbar-header">

<button type="button" class="navbar-toggle collapsed" data-toggle="collapse" data-target="#navbar" aria-expanded="false" aria-controls="navbar">

<span class="sr-only">Toggle navigation</span>

<span class="icon-bar"></span>

<span class="icon-bar"></span>

<span class="icon-bar"></span>

</button>

<img src="images/logo.png" />

</div>

<div id="navbar" class="navbar-collapse collapse">

<ul class="nav navbar-nav navbar-right">

<li><a href="/">HOME</a></li>

</ul>

</div>

</div>

</nav>

<div class="container">

<div class="row">

<div class="col-md-8">

<div class="noticia\_wrapper">

<span class="noticia\_autor"><%= noticias.rows[0].autor %></span>

<a href="noticia?id\_noticia=<%= noticias.rows[0].id\_noticia %>" class="noticia\_titulo"><%= noticias.rows[0].titulo %></a>

<span class="noticia\_data"><%= noticias.rows[0].data\_noticia %></span>

<br />

<p class="noticia\_resumo">

<%= noticias.rows[0].resumo %>

</p>

</div>

</div>

<div class="col-md-4">

<div class="noticia\_wrapper">

<span class="noticia\_autor"><%= noticias.rows[1].autor %></span>

<a href="noticia?id\_noticia=<%= noticias.rows[1].id\_noticia %>" class="noticia\_titulo"><%= noticias.rows[1].titulo %></a>

<span class="noticia\_data"><%= noticias.rows[1].data\_noticia %></span>

<br />

<p class="noticia\_resumo">

<%= noticias.rows[1].resumo %>

</p>

</div>

</div>

</div>

<div class="row">

<% for(var i = 2; i < noticias.rows.length; i++) { %>

<div class="col-md-4">

<div class="noticia\_wrapper">

<span class="noticia\_autor"><%= noticias.rows[i].autor %></span>

<a href="noticia?id\_noticia=<%= noticias.rows[i].id\_noticia %>" class="noticia\_titulo"><%= noticias.rows[i].titulo %></a>

<span class="noticia\_data"><%= noticias.rows[i].data\_noticia %></span>

<br />

<p class="noticia\_resumo">

<%= noticias.rows[i].resumo %>

</p>

</div>

</div>

<% } %>

</div>

<div class="row ver\_mais">

<button type="button" class="btn btn-default"><a href="noticias">Ver todas as notícias</a></button>

</div>

</div>

<script src="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.6/js/bootstrap.min.js" integrity="sha384-0mSbJDEHialfmuBBQP6A4Qrprq5OVfW37PRR3j5ELqxss1yVqOtnepnHVP9aJ7xS" crossorigin="anonymous"></script>

</body>

</html>

## [news-portal-node-js](https://github.com/natanael-silvamt/news-portal-node-js)/[app](https://github.com/natanael-silvamt/news-portal-node-js/tree/master/app)/[views](https://github.com/natanael-silvamt/news-portal-node-js/tree/master/app/views)/[noticias](https://github.com/natanael-silvamt/news-portal-node-js/tree/master/app/views/noticias)/****noticia.ejs****

<!DOCTYPE HTML>

<html lang="pt-br">

<head>

<meta charset="UTF-8">

<title>Portal de notícias</title>

<!-- JQuery -->

<script src="js/jquery-2.2.1.js"></script>

<!-- bootstrap - link cdn -->

<link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.6/css/bootstrap.min.css" integrity="sha384-1q8mTJOASx8j1Au+a5WDVnPi2lkFfwwEAa8hDDdjZlpLegxhjVME1fgjWPGmkzs7" crossorigin="anonymous">

<!-- incluindo css -->

<link href="css/style.css" rel="stylesheet">

<!-- favicon -->

<link rel="shortcut icon" href="images/favicon.ico" />

</head>

<body>

<nav class="navbar navbar-default navbar-static-top">

<div class="container">

<div class="navbar-header">

<button type="button" class="navbar-toggle collapsed" data-toggle="collapse" data-target="#navbar" aria-expanded="false" aria-controls="navbar">

<span class="sr-only">Toggle navigation</span>

<span class="icon-bar"></span>

<span class="icon-bar"></span>

<span class="icon-bar"></span>

</button>

<img src="images/logo.png" />

</div>

<div id="navbar" class="navbar-collapse collapse">

<ul class="nav navbar-nav navbar-right">

<li><a href="/">HOME</a></li>

</ul>

</div>

</div>

</nav>

<div class="container">

<div class="row">

<div class="col-md-12">

<div class="noticia\_wrapper">

<span class="noticia\_autor"><%= noticia.rows[0].autor %></span>

<a href="noticia" class="noticia\_titulo"><%= noticia.rows[0].titulo %></a>

<span class="noticia\_data"><%= noticia.rows[0].data\_noticia %></span>

<br />

<p class="noticia\_resumo">

<%= noticia.rows[0].noticia %>

</p>

</div>

</div>

</div>

</div>

<script src="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.6/js/bootstrap.min.js" integrity="sha384-0mSbJDEHialfmuBBQP6A4Qrprq5OVfW37PRR3j5ELqxss1yVqOtnepnHVP9aJ7xS" crossorigin="anonymous"></script>

</body>

</html>

## [news-portal-node-js](https://github.com/natanael-silvamt/news-portal-node-js)/[config](https://github.com/natanael-silvamt/news-portal-node-js/tree/master/config)/****dbConnection.js****

var pg = require('pg');

var conn = function(){

return new pg.Client({

host : 'localhost',

user : 'postgres',

password : '12345',

database : 'portal\_de\_noticiais'

});

}

//var conString = "postgres://postgres:12345@localhost:5432/portal\_de\_noticiais";

//var client = new pg.Client(conString);

//client.connect();

module.exports = function(){

return conn;

};

## [news-portal-node-js](https://github.com/natanael-silvamt/news-portal-node-js)/[config](https://github.com/natanael-silvamt/news-portal-node-js/tree/master/config)/****server.js****

var express = require('express');

var consign = require('consign');

var bodyParser = require('body-parser');

var expressValidator = require('express-validator');

var app = express();

app.set('view engine', 'ejs');

app.set('views', './app/views');

app.use(express.static('./app/public'));

app.use(bodyParser.urlencoded({extended: true}));

app.use(expressValidator());

consign()

.include('app/routes')

.then('config/dbConnection.js')

.then('app/models')

.then('app/controllers')

.into(app);

module.exports = app;