

# THE MAGIC OF ANGULARJS



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JavaScript Warrior







# Single Page Apps





# The reason Angular JS will fail

It's difficult to learn

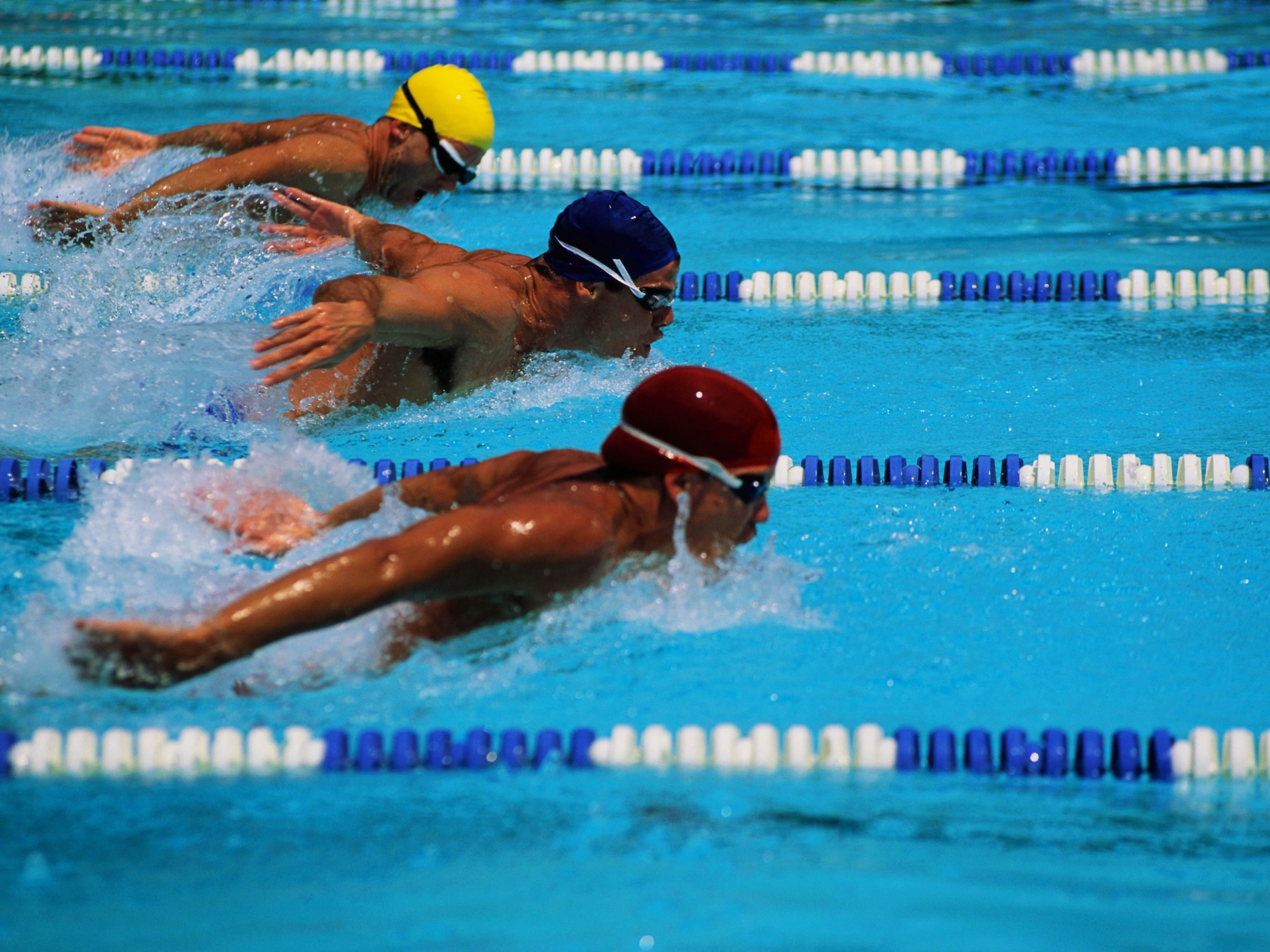
With JQuery you write less code

DOM manipulation is hard

Frameworks suck











Seven Seas NAVIGATOR



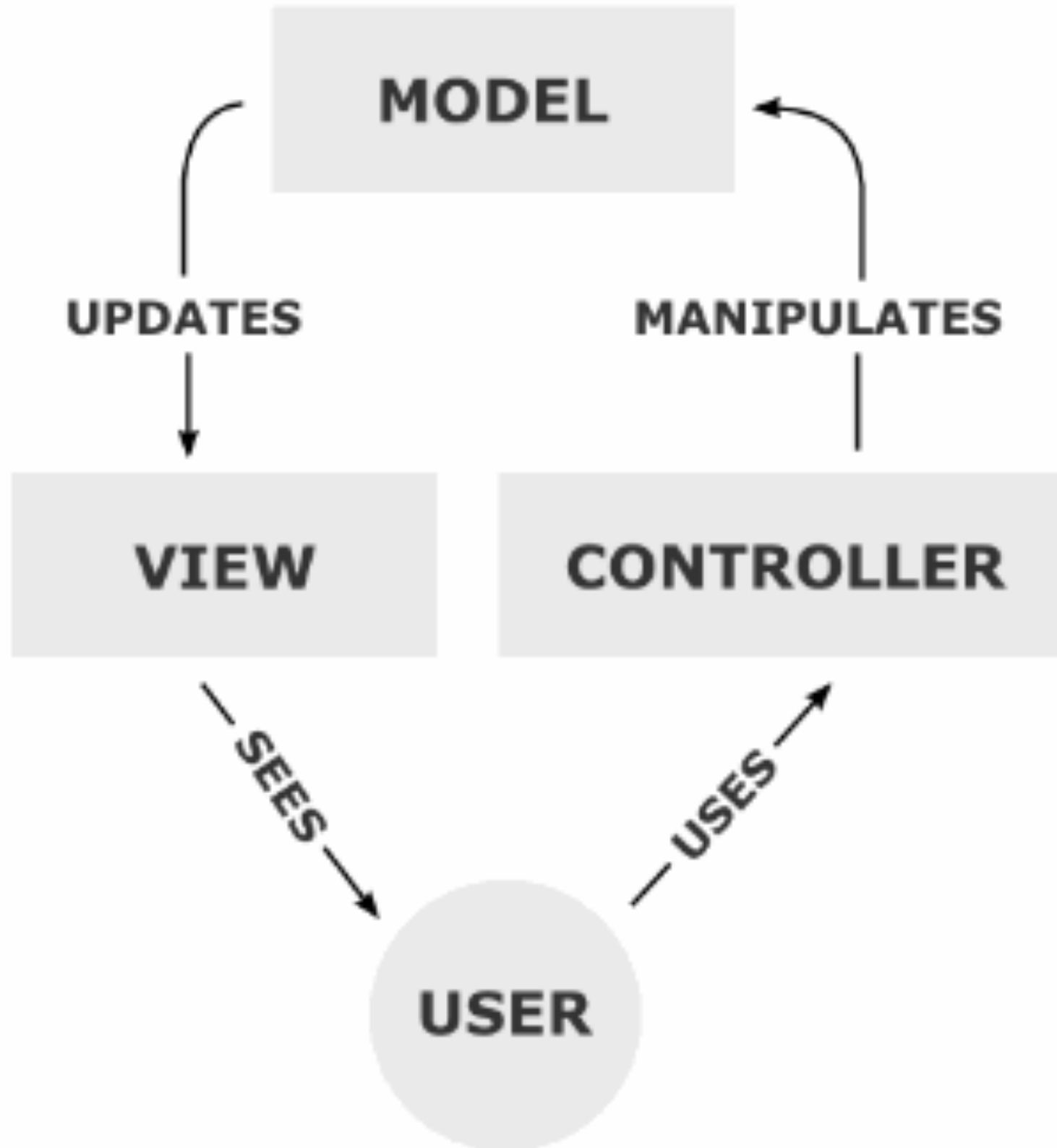


is a

**MVC**

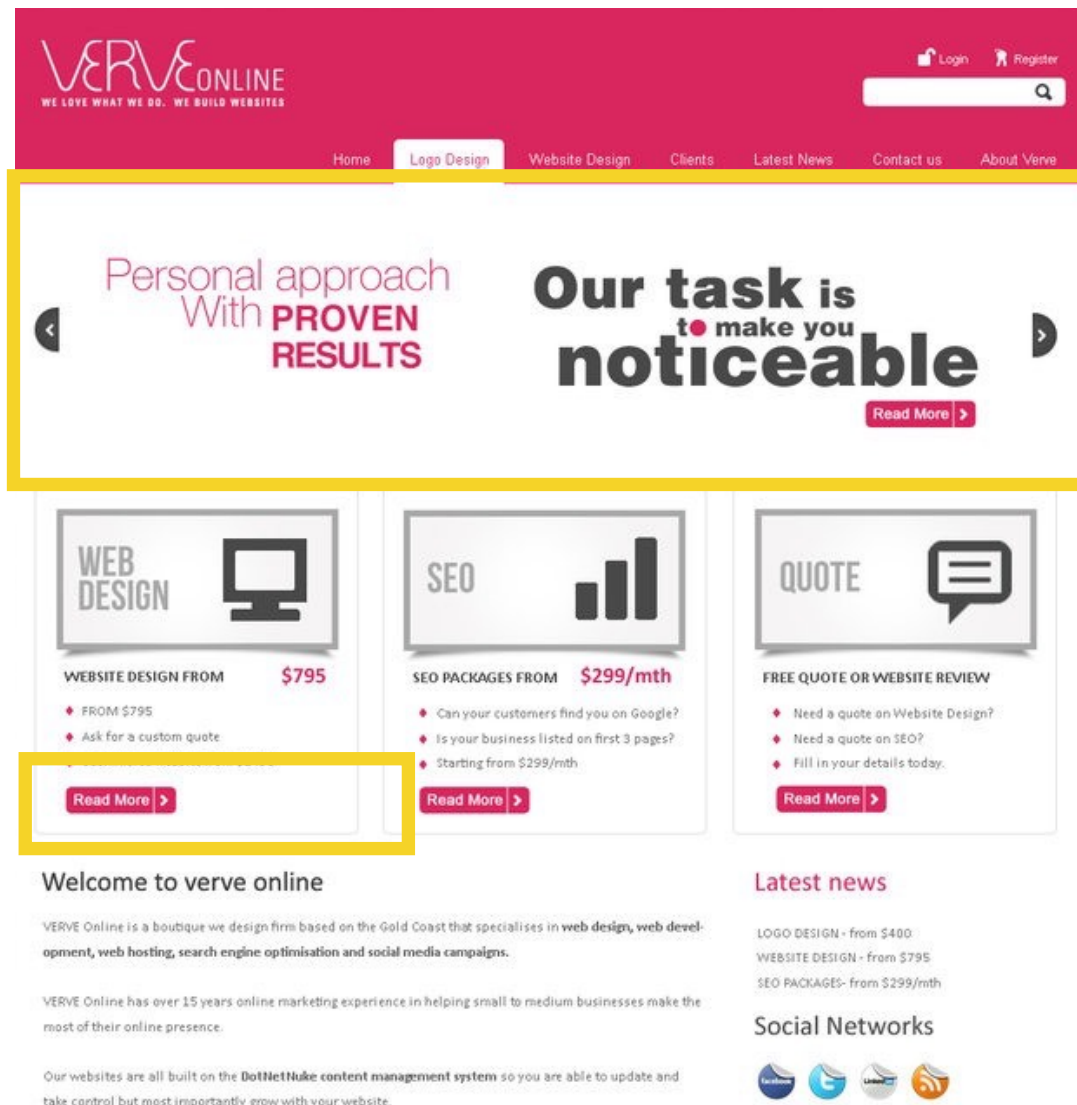
**JavaScript  
Framework**







## Traditional Web Apps



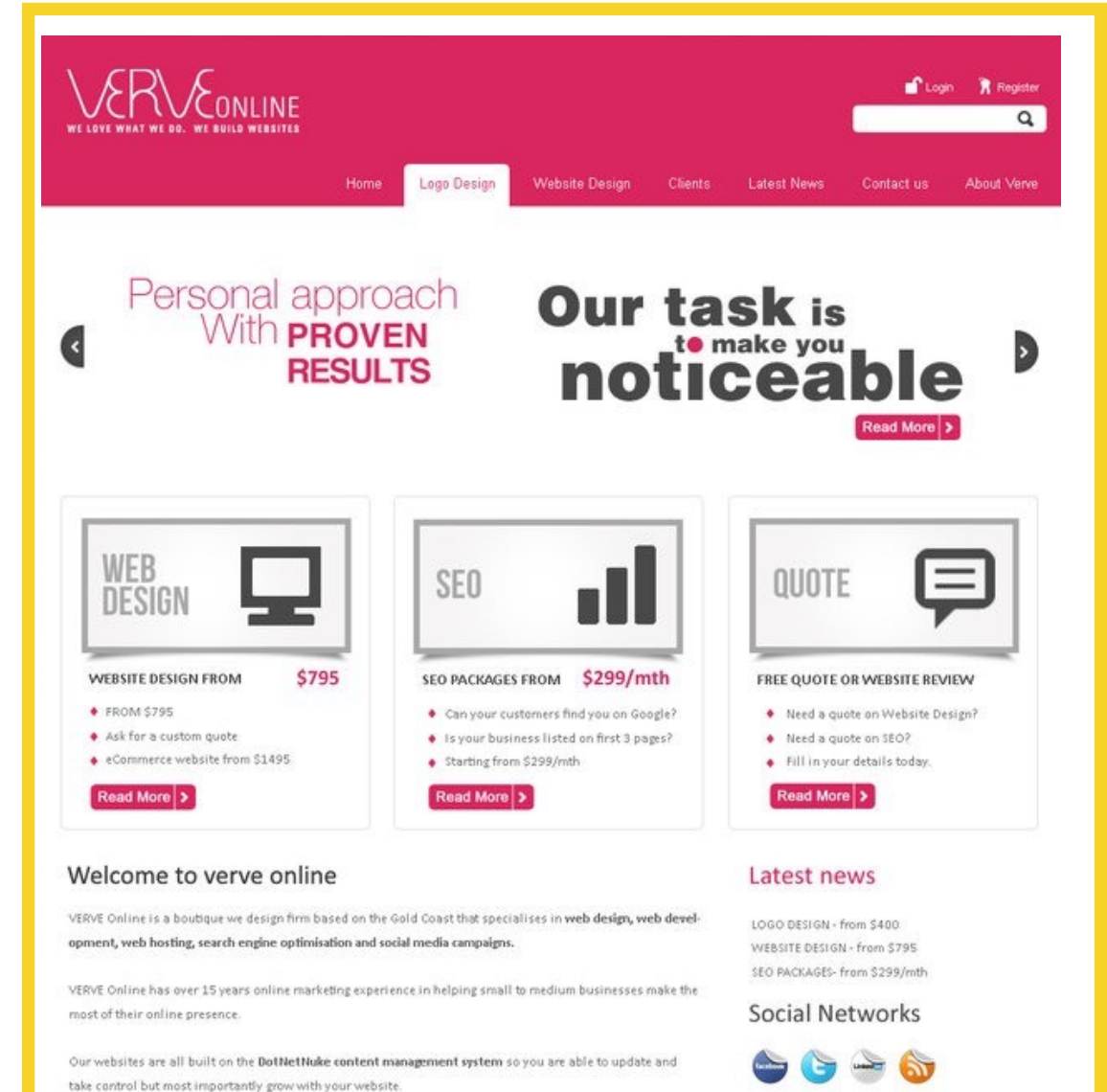
### All our websites come with

- Search engine friendly content management system
- 12 months free technical support and warranty
- 1 hour free training in content management system
- 24/7 Online Help Desk Support
- Submission to major search engines
- Google analytics integration and setup
- Unlimited email addresses
- Webmail access to email so you can check your email from anywhere in the world
- Basic SEO (checking keywords, optimise homepage, submission to search engines)
- Free Blog module
- Free Survey module
- Free Forum/Discussions module

### Our Portfolio



## SPAs



### Welcome to verve online

VERVE Online is a boutique we design firm based on the Gold Coast that specialises in web design, web development, web hosting, search engine optimisation and social media campaigns.

VERVE Online has over 15 years online marketing experience in helping small to medium businesses make the most of their online presence.

Our websites are all built on the DotNetHuke content management system so you are able to update and take control but most importantly grow with your website.

### Latest news

LOGO DESIGN - from \$400  
WEBSITE DESIGN - from \$795  
SEO PACKAGES- from \$299/mth

### Social Networks



### All our websites come with

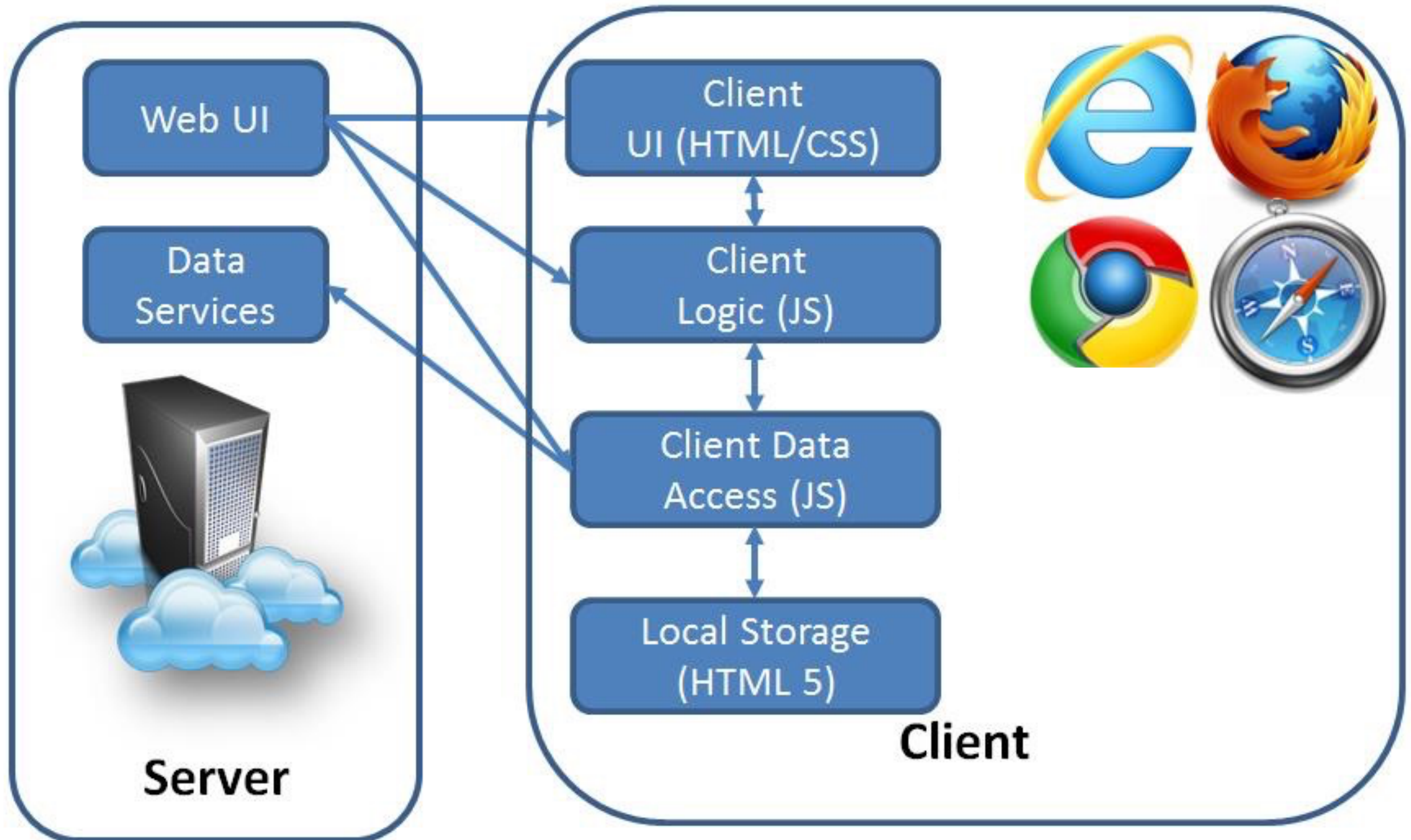
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### Our Portfolio





# SPA





# Why make SPAs?

1. No more reloads!
2. Complex State















Widgets


Settings

## Form Builder

Form Rules



 Text	 Text Area
 Number	 Dropdown
 Checkbox	 Radio
 Time	 Date
 Email	 Web
 Lookup	 User Lookup

 Chart	 Graph
 Count	 Grid
 Widget	

## Contacts App

## User Details

Please enter details here...

Label Here

  
Text Area

# AngularJS Components

Model	View	Controller
Services Unit Testing	E2E Testing Directives Filters Routing Data Binding	Scope



# Let's see some magic



# Two-Way Data Binding

```
<input type="text" ng-model="someText">  
<h3>{{ someText }}</h3>
```

Result





# Expressions

```
<input type="text" ng-model="someNumber">  
<h3>Number: {{ someNumber }}</h3>  
<h3>Number * 2: {{ someNumber * 2 }}</h3>  
<h3>Number * 4: {{ someNumber * 4 }}</h3>
```

Number:

Number \* 2: null

Number \* 4: null



# \$scope

```
<div ng-app ng-controller="AppController">  
  <h3>Message: {{ message }}</h3>  
</div>
```

```
function AppController($scope) {  
  $scope.message = 'Hello there!!!';  
}
```

**Message: Hello there!!!**





# Directives

```
<div ng-app ng-controller="AppController">  
  <person name="Petar">  
    <hair color="brown"></hair>  
    <eyes color="brown"></eyes>  
    <shirt color="red"><shirt>  
    <shoes type="converse"></shoes>  
  </person>  
</div>
```



# Directives

```
app.directive('person', function() {  
  return {  
    scope: {  
      name: '='  
    },  
    restrict: 'E',  
    templateUrl: 'templates/person',  
    controller: function($scope) {  
      $scope.sayHello = function() {  
        alert('Hello!');  
      }  
    },  
    link: function(scope, elem, attrs) {  
      elem.bind('click', function() {  
        elem.css('background-color', 'red');  
      });  
    }  
  };  
});
```






# Directives

```
<div ng-app ng-controller="AppController">
  <button class="btn btn-success" ng-click="toggleMessage()">
    Toggle Message
  </button>
  <hr>
  <h3 ng-show="showMessage">This is a Message</h3>
</div>
```

```
function AppController($scope) {
  $scope.toggleMessage = function() {
    $scope.showMessage = !$scope.showMessage;
  };
}
```

Result

Toggle Message

# Filters

```
<div ng-app ng-controller="AppController">  
  <input type="text" class="form-control" ng-model="price">  
  <h3>{{ price | currency: 'RSD ' }}</h3>  
</div>
```

Result





# ng-repeat

```
<div ng-app ng-controller="AppController">  
  <span ng-repeat="coffee in coffees">{{ coffee }}</span>  
</div>
```

```
function AppController($scope) {  
  $scope.coffees = [  
    'Espresso',  
    'Black',  
    'Nes Coffee',  
    'Filter'  
  ];  
}
```

Espresso Black Nes Coffee Filter



# ng-repeat

```
<div ng-app ng-controller="AppController">  
  <span ng-repeat="coffee in coffees | limitTo: 2">{{ coffee }} </span>  
</div>
```

HTML

```
function AppController($scope) {  
  $scope.coffees = [  
    'Espresso',  
    'Black',  
    'Nes Coffee',  
    'Filter'  
  ];  
}
```

Espresso Black

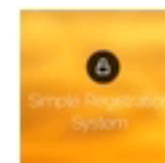




```
<div class="bar">
  <input type="text" ng-model="searchString" placeholder="Enter your search terms"
</div>
<ul>
  <li ng-repeat="i in items | filter:searchString">
    <a href="{{i.url}}"></a>
    <p>{{i.title}}</p>
  </li>
</ul>
```



50 Must-have plugins for extending Twitter Bootstrap



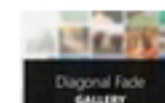
Making a Super Simple Registration System With PHP and MySQL



Create a slide-out footer with this neat z-index trick



How to Make a Digital Clock with jQuery and CSS3



Smooth Diagonal Fade Gallery with CSS3



# Dependency Injection

```
function AppController($scope, $http, $modal) {  
    $http  
        .get('/users')  
        .then(function(response) {  
            $scope.users = response.data;  
  
            if($scope.users.length < 2) {  
                $modal.show('Not enough Users!');  
            }  
        });  
}
```





