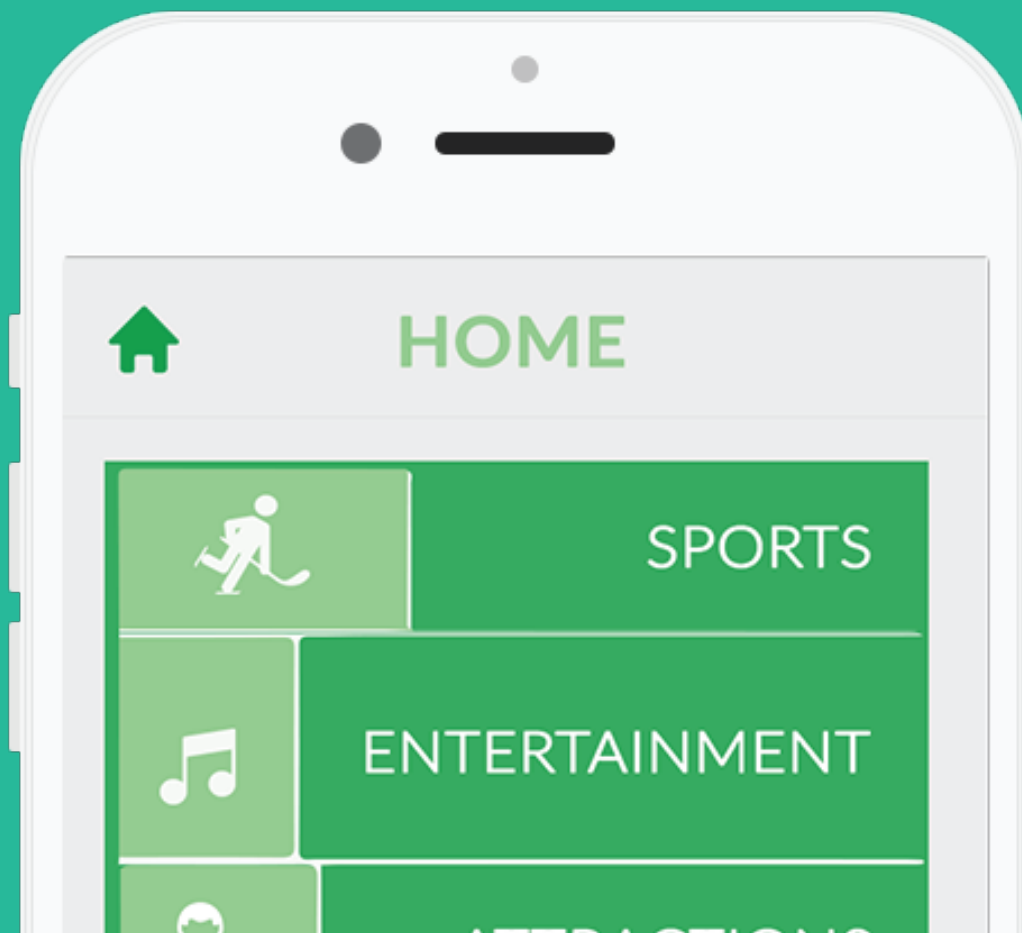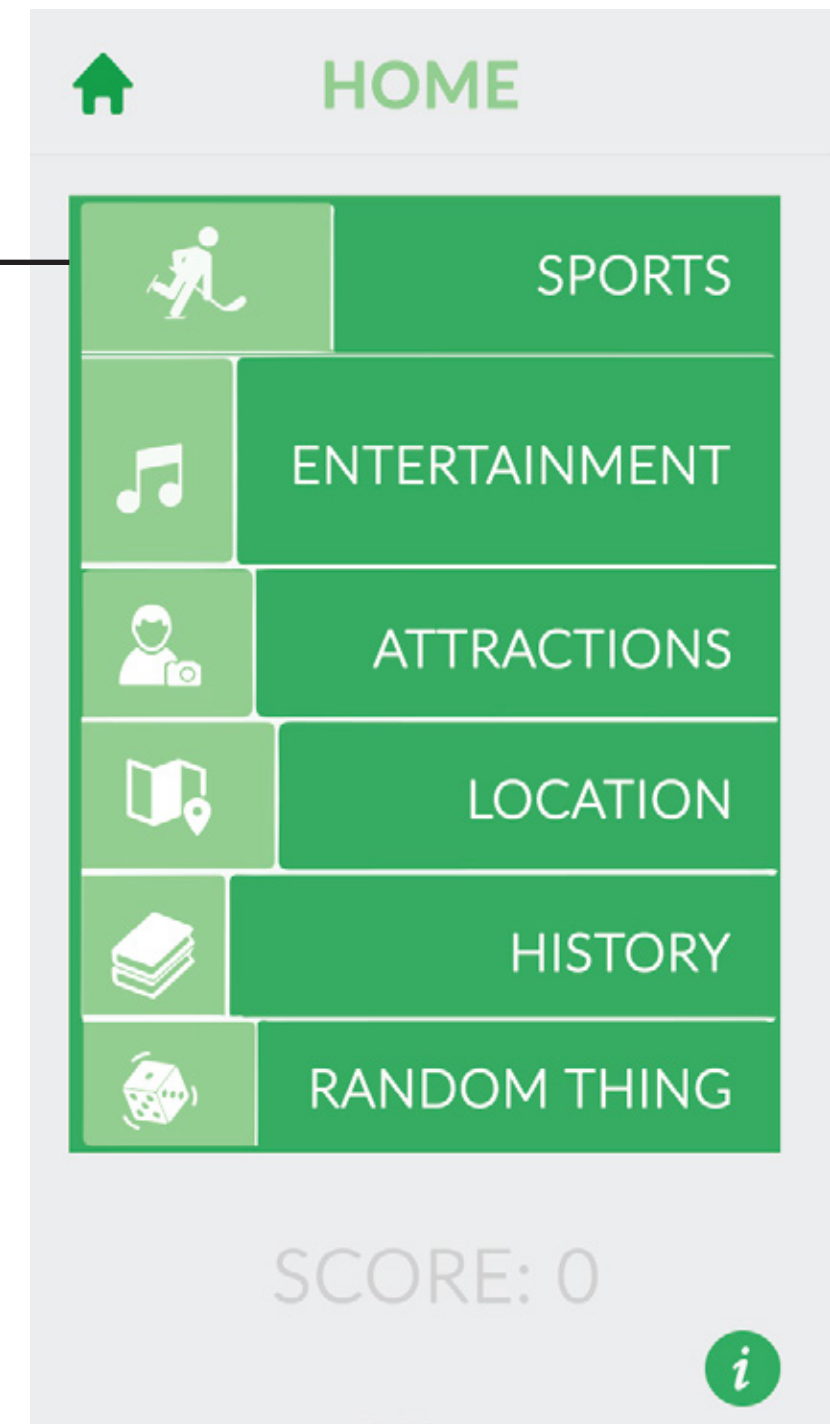# Vancouvertie

A quiz App to test your knowledge about Vancouver

FEATURES

HOME MENU WITH SIX CATEGORIES

- Home Menu with six categories
- Random button which selects random category
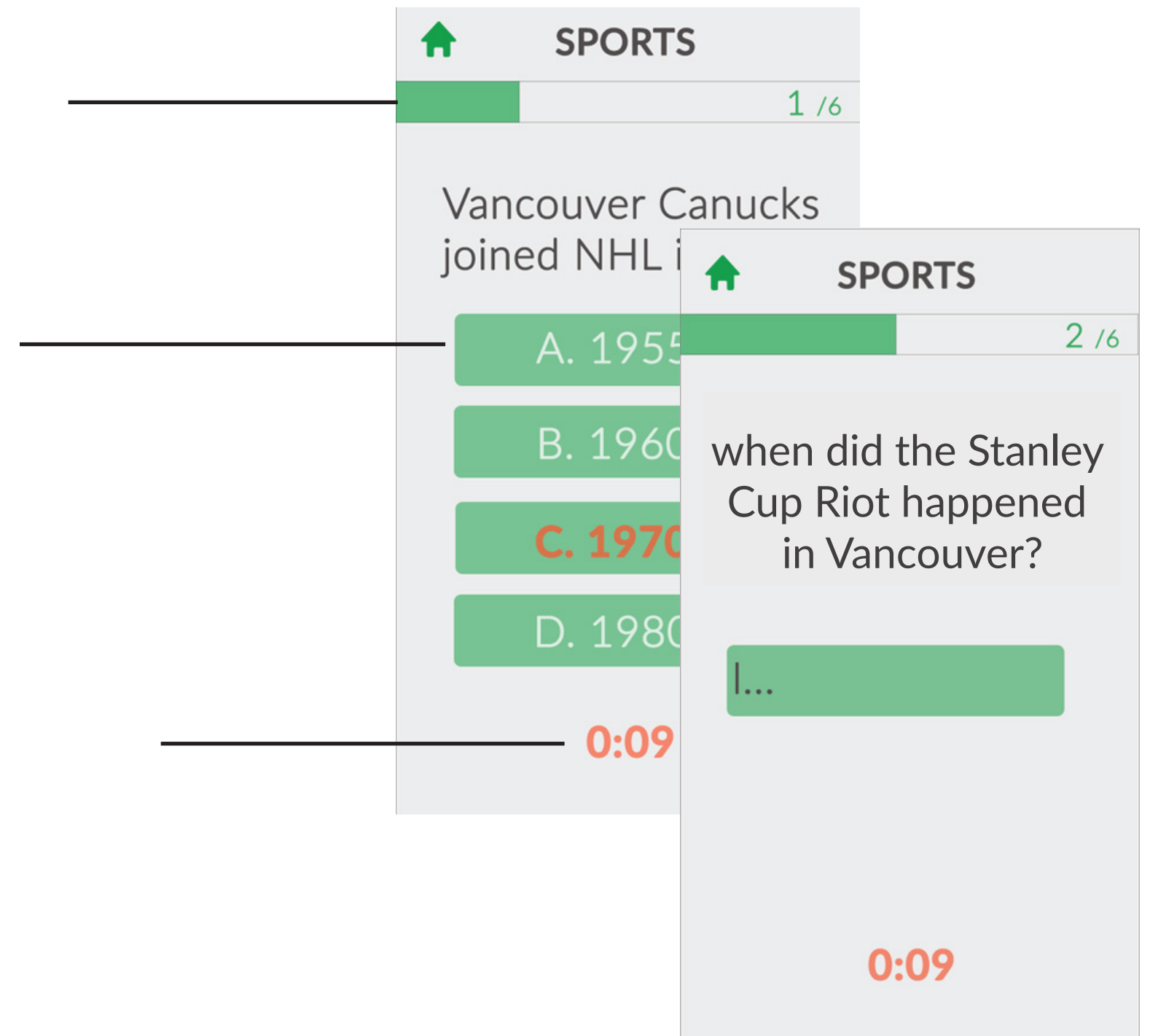- Score System to keep track of user score

HOME

SPORTS

ENTERTAINMENT

ATTRACTIONS

LOCATION

HISTORY

RANDOM THING

SCORE: 0

FEATURES

PROGRESS BAR

DIFFERENT TYPES OF USER INPUT

YOU WILL ANSWER THEM WITH
SINGLE SELECTION, MULTIPLE
SELECTION, AND TEXT FILED.

TIMER FOR EACH QUESTIONS

YOU HAVE 60 SECONDS

SPORTS

1 /6

Vancouver Canucks
joined NHL i

A. 1955

B. 1960

C. 1970

D. 1980

0:09

SPORTS

2 /6

when did the Stanley
Cup Riot happened
in Vancouver?

I...

0:09

DEMO TIME

THE DEMO IS 70 % COMPLETED

Design Decision

Font

Colour

Icon

Lato
abcdefghijklmnopqrstuvwxwz
ABCDEFGHIJKLMNOPQRSTUVWXYZ
123456789!@#$%^&*():;

ANGULAR JS   JQUERY   BOOSTRAP

MVC Pattern

Rich Reference Availability Online
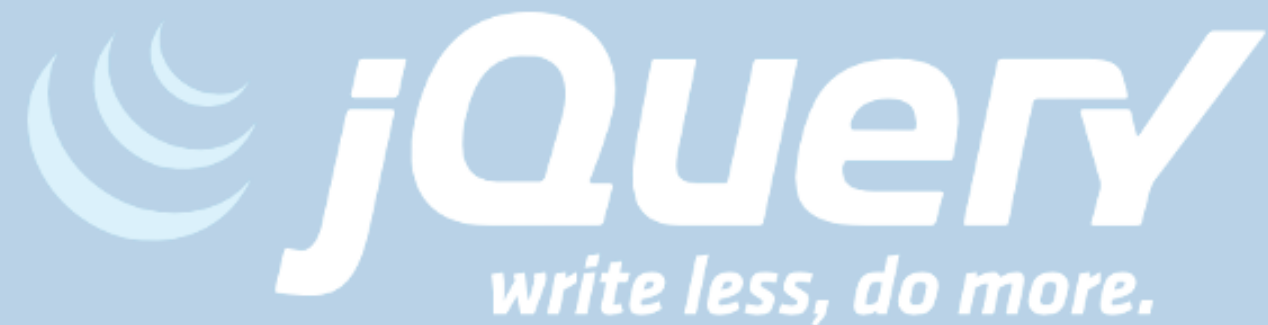
StackOverFlow

YouTube Tutorials

Time saving

For example:

```
function fillProgressBar(index){
        index++;
  $("#p"+index).css("background-color","#78c192");
}
```

But please note that AngularJs often does
not require jQuery to complete a job.
If you want to learn deep into AngularJS,
it is best to stop using jQuery.

Why Boostrap?

Grid System & Easy responsive width styling

Using Boostrap:

```
<div class="row">
    <div class="col-md-4"></div>
  <div class="col-md-4"></div>
  <div class="col-md-4"></div>
</div>
```

Using Normal CSS.HTML

```
<div class="my-row">
  <div class="my-col"></div>
  <div class="my-col"></div>
  <div class="my-col"></div>
</div>

.my-row{
  width: 100%;
}
.my-col{
  float: left;
  width: 33%;
}
```

9

Json.

Used for storing questions

AJAX call for calling the data

Easy future maintenance

attractions.json
entertainment.json
geography.json
history.json
sports.json

```json
[
    {
        "type": "mc",
        "question": "In what year is Vancouver established?",
        "option":{
            "0": "1666",
            "1": "1766",
            "2": "1866",
            "3": "1901"
        },
        "answer": "2"
    },
    {
        "type": "fill",
        "question": "The city Vancouver were named after Captain
        "answer": "george"
    },
    {
        "type": "mc",
        "question": "Which river borders vancouver to the south
        "option":{
            "0": "Columbia",
            "1": "Fraser",
            "2": "Peace",
            "3": "Liard"
        },
        "answer": "1"
    },
```

SetInterval.

$internal in Angular JS

Used for time logic

```javascript
    function timerStart(){
        $scope.time_limit = 59; //seconds
        timerInterval = $interval(function(){
            $scope.time_limit -= 1;
            //console.log($scope.time_limit);
            if($scope.time_limit < 1)
                $scope.submitAnswer();
        }, 1000);
    }
```

$locationChangeStart.

Used to detect user Navigation from one view to another

Cancel timer, detect manual user navigation

```
    //stop the timer when navigating away manually
    $rootScope.$on('$locationChangeStart', function (event, newUrl, oldUrl) {
      timerStop();
      }
    );
```

Design.

Development.

The design establish effective communication with the user.

Functional mechanism with the support from Angular JS / jQuery / bootstrap /

Good user experience that encourage users to play

Customized and notable logic

Flat navigation style, users are easy to navigate