

Speed Reader App (iOS/Android)

SOURCE CODE

DEVELOPMENT ISLAND
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```
<!--index.html-->
<!DOCTYPE html>
<html>
  <head>
    <title>Speed Reader App</title>
    <meta charset="utf-8">
    <meta name="viewport" content="width=device-width,
initial-scale=1">
    <link rel="stylesheet"
href="http://code.jquery.com/mobile/1.4.5/jquery.mobile-
1.4.5.min.css" />
    <script src="http://code.jquery.com/jquery-
1.11.1.min.js"></script>
    <script
src="http://code.jquery.com/mobile/1.4.5/jquery.mobile-
1.4.5.min.js"></script>

    <link rel="stylesheet" href="index.css">
    <link
href='https://fonts.googleapis.com/css?family=Lobster'
rel='stylesheet' type='text/css'>
  </head>

  <body>

    <!--Page1-->
```

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<div data-role="page" id="page1" data-theme="a">
  <div data-role="header">
    </div>

    <div role="main" class="ui-content">
      <!--title-->
      <div class="header">
        <h1>Speed Reader App</h1>
        <p>For an efficient reading
experience.</p>
      </div>

      <div id="controls">
        <!--Font-size and speed-->

        <div class="ui-grid-a">
          <div class="ui-block-a">
            <div>
              FONT SIZE: <span
id="fontsize">50</span> px.
            </div>
          </div>
          <div class="ui-block-b">
            <div>
              <span
id="speed">300</span> WORDS PER MINUTE.
            </div>
          </div>
        </div>

        <!--Font-size and speed-->

        <div class="ui-grid-a">
          <div class="ui-block-a">
            <form class="full-width-
slider">
              <input type="range" name="fontsizeslider"
id="fontsizeslider" min="20" max="100" value="50" step="5"
data-highlight="true">
            </form>
          </div>
          <div class="ui-block-b">

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```

        <form class="full-width-
slider">
            <input type="range" name="speedslider"
id="speedslider" min="50" max="600" value="300" step="50"
data-highlight="true">
        </form>

        </div>
    </div>

    <!--Progress-->
    <form class="full-width-slider">
        <label
for="progressslider">PROGRESS: <span
id="percentage">0</span>%</label>
        <input type="range"
name="progressslider" id="progressslider" min="0"
max="100" value="0" data-highlight="true">
    </form>
    </div>

    <!--the read word-->
    <div id="result">word</div>

    <!--error message-->
    <div id="error">
        Please Paste text in the box
    </div>

    <!--User Inputs-->
    <div id="inputs">
        <!--text input-->
        <textarea id="userInput"></textarea>
        <!--buttons-->
        <button id="start">Start
Reading</button>
        <button id="new">New</button>
        <button id="pause">Pause</button>
        <button id="resume">Resume</button>
    </div>

    </div>

```

```

        <div data-role="footer" data-position="fixed">
            <div data-role="navbar">
                <ul>
                    <li><a href="#page1" data-
transition="pop" data-icon="home" class="ui-btn-active ui-
state-persist" >Home</a></li>
                    <li><a href="#page2" data-
transition="pop" data-icon="info" >About</a></li>
                    <li><a href="#page3" data-
transition="pop" data-icon="mail" >Contact</a></li>
                </ul>
            </div>
        </div>

</div><!--Page1-->

<!--Page2-->
<div data-role="page" id="page2" data-theme="a">
    <div data-role="header">
        </div>

    <div role="main" class="ui-content">
        <ul data-role="listview" data-
filter="true">

            <li data-role="list-divider">Main
Information</li>
            <li><a href="">Company details</a></li>
            <li><a href="">Company history</a></li>

            <li data-role="list-
divider">Branches</li>

            <li><a href="">
                
                <h1>London</h1>
                <p>Sales and Marketing Team</p>

```

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        </a></li>
    <li><a href="">
        
        <h1>Bedford</h1>
        <p>Development Team</p>

        </a></li>

    <li data-role="list-
divider">Achievements</li>
    <li><a href="">Our Portfolio
1</a></li>
    <li><a href="">Our Portfolio
2</a></li>
</ul>

</div>

<div data-role="footer" data-position="fixed">
    <div data-role="navbar">
        <ul>
            <li><a href="#page1" data-
transition="pop" data-icon="home">Home</a></li>
            <li><a href="#page2" data-
transition="pop" data-icon="info" class="ui-btn-active
ui-state-persist" >About</a></li>
            <li><a href="#page3" data-
transition="pop" data-icon="mail" >Contact</a></li>
        </ul>
    </div>
</div>

</div><!--Page2-->

<!--Page3-->
<div data-role="page" id="page3" data-theme="a">
    <div data-role="header">
    </div>

    <div role="main" class="ui-content">

```

```

        <div class="ui-grid-b">
            <div class="ui-block-a">
                <a href="#" data-
role="button">Email</a>
                <p>some text some text some text
some text some text some text some text some text some
text some text</p>

            </div>
            <div class="ui-block-b">
                <a href="#" data-
role="button">Live Chat</a>
                <p>some text some text some text
some text some text some text some text some text some
text some text</p>

            </div>
            <div class="ui-block-c">
                <a href="#" data-
role="button">Phone</a>
                <p>some text some text some text
some text some text some text some text some text some
text some text</p>

            </div>
        </div>
    </div>
</div>

    <div data-role="footer" data-position="fixed">
        <div data-role="navbar">
            <ul>
                <li><a href="#page1" data-
transition="pop" data-icon="home">Home</a></li>
                <li><a href="#page2" data-
transition="pop" data-icon="info">About</a></li>
                <li><a href="#page3" data-
transition="pop" data-icon="mail" class="ui-btn-active ui-
state-persist">Contact</a></li>
            </ul>
        </div>
    </div>

```

```

</div><!--Page3-->

<script src="index.js">

</script>
</body>
</html>
/*index.css*/
/*add background picture to page1*/
#page1{
    background: url(https://images.unsplash.com/photo-
1436891620584-
47fd0e565afb?q=80&fm=jpg&s=33cf5b0ee9fbd292475a0c03bee481c
9);
    background-position: center center;
    background-attachment: fixed;
    background-size: 100% 100%;
    color: #fff;
    text-align: center;
    font-family: Lobster, serif;
}

/*error message*/
#error{
    background-color: #D87777;
    width: 50%;
    margin: 20px auto;
    font-size: 20px;
}

/*read word*/
#result{
    font-size: 50px;
    background-color: rgba(255, 255, 255, 0.2);
    padding: 5% 0;
}

/* Hide the number input */
.full-width-slider input {
    display: none !important;
}

```

```
.full-width-slider .ui-slider-track {  
    margin-left: 15px;  
}
```

```
//index.js  
$(function(){  
  
    //declare variables  
    var myArray;  
    var inputLength;  
    var reading = false;  
    var counter;  
    var action;  
    var frequency = 200;  
    //on page load hide elements we don't need, leave only  
text area and start button  
    $("#new").hide();  
    $("#resume").hide();  
    $("#pause").hide();  
    $("#controls").hide();  
    $("#result").hide();  
    $("#error").hide();  
  
    //click on Start Reading  
    $("#start").click(function(){  
        //get text and split it to words inside an array  
        //\s matches spaces, tabs, new lines, etc and +  
means one or more.  
        myArray = $("#userInput").val().split(/\s+/);  
  
        //get the number of words  
        inputLength = myArray.length;  
  
        if(inputLength>1){//there is enough input  
  
            //move to reading mode  
            reading = true;  
  
            //hide Start/error/userInput, show  
New/Pause/Controls  
            $("#start").hide();
```



```

        $("#error").hide();
        $("#userInput").hide();
        $("#new").show();
        $("#pause").show();
        $("#controls").show();

        //set progress slider max
        $("#progressslider").attr("max", inputLength-
1);

        //start the counter at zero
        counter = 0;

        //show reading box with the first word
        $("#result").show();
        $("#result").text(myArray[counter]);

        //start reading from the first word
        action = setInterval(read, frequency);

    }else{//not enough text input
        $("#error").show();
    }

});
//Click on New
$("#new").click(function(){
    //reload page
    location.reload();
});

//Click on Pause
$("#pause").click(function(){
    //stop reading and switch to none reading mode
    clearInterval(action);
    reading = false;

    //hide pause and show resume
    $("#pause").hide();
    $("#resume").show();

});

```

```
//Click on Resume
$("#resume").click(function(){

    //start reading
    action = setInterval(read, frequency);

    //go back to reading mode
    reading = true;

    //hide resume and show pause
    $("#resume").hide();
    $("#pause").show();

});

//Change fontSize
$("#fontsizeslider").on("slidestop",
function(event,ui){
    //refresh the slider
    $("#fontsizeslider").slider("refresh");

    //get the value of slider
    var slidervalue =
parseInt($("#fontsizeslider").val());

    $("#result").css("fontSize", slidervalue);
    $("#fontsize").text(slidervalue);
});

//change speed
$("#speedslider").on("slidestop", function(event,ui){

    //refresh the slider
    $("#speedslider").slider("refresh");

    //get the value of slider
    var slidervalue =
parseInt($("#speedslider").val());

    $("#speed").text(slidervalue);
```

```

        //stop reading
        clearInterval(action);

        //change frequency
        frequency = 60000/slidervalue;

        //resume reading if we are in reading mode
        if(reading){
            action = setInterval(read, frequency);
        }
    });

    //progress slider
    $("#progressslider").on("slidestop", function(event,ui){

        //refresh the slider
        $("#progressslider").slider("refresh");

        //get the value of slider
        var slidervalue =
        parseInt($("#progressslider").val());

        //stop reading
        clearInterval(action);

        //change counter
        counter = slidervalue;

        //change word
        $("#result").text(myArray[counter]);

        //change value of progress
        $("#percentage").text(Math.floor(counter/(inputLength-1)*100));

        //resume reading if we are in reading mode
        if(reading){
            action = setInterval(read, frequency);
        }
    });
    //functions

```

```
function read(){
    if(counter == inputLength-1){//last word
        clearInterval(action);
        reading = false; //move to none reading mode
        $("#pause").hide();
    }else{
        //counter goes up by one
        counter++;

        //get word
        $("#result").text(myArray[counter]);

        //change progress slider value and refresh
        $("#progressslider").val(counter).slider('refresh');

        //change text of percentage
        $("#percentage").text(Math.floor(counter/(inputLength-1)*100));
    }

}

});
```