

# WEB TECHNOLOGIES-II (UE15CS403)

Project Report

QUESTIONNAIRE PORTAL

Bhoomika R Rao 01FB15ECS069 Biridepalli Harshita 01FB15ECS071 Chinmayee Shenvi 01FB15ECS077



#### 1. ABSTRACT

A questionnaire is a form of a game or a mind sport where a player can attempt to answer questions correctly. It is done in order to improve student's comprehension levels and learning motivation. The app has a very simple structure – a single page app, one question at a time on the screen with four options, a submit button and a continuous score which increases when a correct answer is chosen.

#### 2. FEATURES

- ➤ Adaptive questions: Based on the number of consecutive correct/incorrect answers, the level of questions increases/decreases.
- ➤ User Authentication and Auto-Login: As an essential feature, user is authenticated before she/he can play the quiz. In case of a refresh, the user is auto logged in.
- ➤ Page to show user details: A page to show user's details where the email id and score is displayed.

#### 3. SYSTEM SPECIFICATIONS

Front End:

- ➤ Angular JS
- ➤ Bootstrap

Back End:

> PHP

### 4. SAMPLE CODE

Two html files have been created for markup, one has the main markup and the other implements the quiz section. We have also implemented an app.js file for the app logic and a style.css.

The quiz template mainly consists of 2 sections: a quiz section when the quiz is in progress and an intro section when the quiz app is loaded initially.

```
<div class="quiz-area" ng-show="inProgress">
  </div>
  <div class="intro" ng-show="!inProgress">
        Welcome to the QuizApp
        <button id="startQuiz" ng-click="start()">Start the Quiz</button>
  </div>
```

In app.js we defined a custom directive called *quiz*. It looks like below:

```
var app = angular.module('quizApp', []);
app.directive('quiz', function() {
    return {
      restrict: 'AE',
      scope: {},
```

We have implemented the *getQuestion()* method in our quiz directive as follows:

```
scope.getQuestion = function()
{
    var q = quizFactory.getQuestion(scope.id);
    if(q)
    {
        scope.question = q.question;
        scope.options = q.options;
        scope.answer = q.answer;
    }
    else
    {
        scope.quizOver = true;
    }
};
```

The *checkAnswer()* method needs to compare the selected option with the correct answer.

```
{
    scope.score++;
    scope.correctAns = true;
} else {
    scope.correctAns = false;
}

scope.answerMode = false;
};
```

# 4. SNAPSHOTS

# **LOGIN PAGE**



# **QUIZ WELCOME PAGE**

# Quiz-App

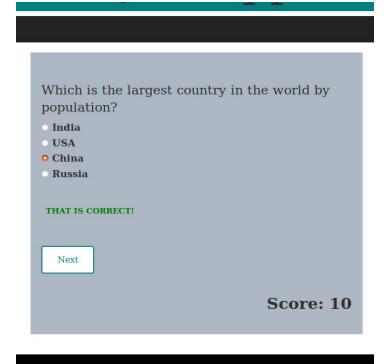
# Welcome to the QuizApp Test your general knowledge with our GK Quiz, the test currently contains 10 questions. You will get 10 point for each correct answer. At the end of the Quiz, your total score will be displayed. Maximum score is 100 points. If you don't get the full score, you'll have an option to try again. Start the quiz now by clicking on the button below.

# **QUIZ QUESTIONS**

# Quiz-App

V	Which is the largest country in the world by	
p	opulation?	
C	India	
c	USA	
0	China	
C	Russia	
	Submit	
	Score:	0
	500101	

## **SCORE DISPLAY**



# **INCORRECT ANSWER**

# Quiz-App

When did the second world war end?
1945
0 1939
o 1944
1942
SORRY, THAT IS AN INCORRECT ANSWER.
Next
Score: 10
30010.10

# FINAL SCORE DISPLAY





