

PROFESSIONAL TRAINING REPORT
at
Sathyabama Institute of Science and Technology
(Deemed to be University)

Submitted in partial fulfillment of the requirements for the award
of Bachelor of Technology Degree in

Information Technology

By

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DEPARTMENT OF INFORMATION TECHNOLOGY
SCHOOL OF COMPUTING

SATHYABAMA
INSTITUTE OF SCIENCE AND TECHNOLOGY
(DEEMED TO BE UNIVERSITY)
Accredited with Grade "A" by NAAC
JEPPIAAR NAGAR, RAJIV GANDHI SALAI, CHENNAI - 600 119

JANUARY 2020



SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY

(Established under Section 3 of UGC Act, 1956)
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SCHOOL OF COMPUTING

BONAFIDE CERTIFICATE

This is to certify that this Project Report is the bonafide work of
SANGEETHA K K (Reg.no.38120007) who carried out the
project entitled “**QUIZ APPLICATION MANGEMENT
USING DJANGO**” under our supervision from Jan 2021 to
April 2021.

Internal Guide

Name and Signature,

Mrs.J.S.VIMALI M.Tech.,(Ph.D)

Head of the Department

Name and Signature

Dr.SUBHASHINI M.E., Ph.D. ,

Submitted for Viva voce Examination held on _____

Internal Examiner

External Examiner

DECLARATION

I **SANGEETHA K K** hereby declare that the Project Report entitled **“QUIZ APPLICATION MANGEMENT USING DJANGO”**done by me under the guidance of **Mrs.J.S.VIMALI M.Tech.,(Ph.D)** (Internal) and **Dr.SUBHASHINI M.E., Ph.D. ,** (External) at **SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY** is submitted in partial fulfillment of the requirements for the award of Bachelor of Engineering / Technology degree in **INFORMATION TECHNOLOGY**

DATE:

PLACE:

SIGNATURE OF THE CANDIDATE

ACKNOWLEDGEMENT

I am pleased to acknowledge my sincere thanks to **Board of Management** of **SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY** for their kind encouragement in doing this project and for completing it successfully. I am grateful to them.

I convey my thanks to **Dr. T.Sasikala M.E., Ph.D**, Dean, School of Computing **Dr.SUBHASHINI M.E., Ph.D.** , Head of the Department of Information and Technology for providing me necessary support and details at the right time during the progressive reviews.

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I wish to express my thanks to all Teaching and Non-teaching staff members of the **Department of Information Technology** who were helpful in many ways for the completion of the project.

TRAINING CERTIFICATE



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This is to certify that **SANGEETHA KK** student of **SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY, BTECH/IT** has undergone the Internship Training through online in our concern entitled **PYTHON** from **12th Aug 2020 to 26th Aug 2020** in relevant departments related to their academic studies.

During the above period, the performance was good & we wish great success in all your future endeavours.

Technology drives the world. We are the people who are behind the technology.

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COURSE COMPLETION CERTIFICATE



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1	4.1	DATA FLOW DIAGRAM

LIST OF ABBREVIATIONS

ABBREVIATIONS

EXPANSION

HTML

HYPERTEXT MARK-UP LANGUAGE

CSS

CASCADING STYLE SHEETS

JS

JAVA SCRIPT

ABSTRACT

This is a simple quiz app which provides features such as adding as many question you would like, registering a user to the system and take the quiz. It also contains all validations and marking system after the quiz ends. It has similar features as any quiz app where there is a list of quiz questions in the home screen and user answer all questions. After user answers the question, the system will automatically perform check and provide total marks gained. It will also point out the wrong answers.

This app provides an admin panel through which questions can be added along with its four options and at last the answer. It is also used to add new users to the system using which new users can enter to the system and attend the quiz examination.

CHAPTER 1

INTRODUCTION

1.1 GENERAL

Currently most of the Examination like organizational recruitment, University class test are paper based, which costs time and resources. Questionnaire is developed, printed, and then collect data, entry, editing, cleaning, which time consuming and costly. This Proposed Quiz application is the starting for avoid those circumstances which are been currently faced by any organization.

Why using Django?

Django can be (and has been) used to build almost any type of website — from content management systems and wikis, through to social networks and news sites. It can work with any client-side framework.

1.2 OUTLINE OF THE PROJECT

The system will assimilates the examination by providing it online and listing options as answers. User will be able to select answers in timely fashion. Also he would be able to see status as we well as summary. After submission, system will check the scope and will present it along with explanation. Questions would be filled by Administrator under categories.

CHAPTER 2

AIM AND SCOPE

2.1 AIM:

The main motive of this application is to create user-friendly Online Quiz Management application using Django Framework which in turn reduces the Manual work in conducting quiz to students .

2.2 PROBLEM STATEMENT:

To overcome the difficulties in creating the quiz manually by any institutions.

2.3 SCOPE:

It's easy to automate your work. Currently most of the Examination like organizational recruitment, University class test are paper based, which costs time and resources. Questionnaire is developed, printed, and then collect data, entry, editing, cleaning, which time consuming and costly. Proposed application is the starting for avoid those circumstances which are been currently faced by any organization.

In past days quiz is conducted manually but in further resolution of the technology we are able to generate the score and pose the queries automatically. The functional requirements include to create users that are going to participate in the quiz, automatic score and report generation and administrative tasks like add, delete, update for admin privilege users. In this application, all the permissions lies with the administrator i.e., specifying the details of the quiz with checking result will show to interviewee or not, addition of question and answers, marks for each question, Set timer for each quiz and generate report with score for each quiz

CHAPTER 3

SYSTEM ANALYSIS AND DESIGN

3.1 GENERAL

3.1.1 PYTHON

Python is an interpreted, high-level and general-purpose programming language. Created by Guido van Rossum and first released in 1991, Python's design philosophy emphasizes code readability with its notable use of significant whitespace. Its language constructs and object-oriented approach aim to help programmers write clear, logical code for small and large-scale projects.

3.1.2 IDE (INTEGRATED DEVELOPMENT ENVIRONMENT)

IDE stands for Integrated Development Environment. It's a coding tool which allows you to write, test, and debug your code in an easier way, as they typically offer code completion or code insight by highlighting, resource management, debugging tools,... And even though the IDE is a strictly defined concept, it's starting to be redefined as other tools such as notebooks start gaining more and more features that traditionally belong to IDEs. The IDE used in this project is Visual studio code.

3.1.3 USER INTERFACE

The user interface (UI) is the point of human-computer interaction and communication in a device. This can include display screens, keyboards, a mouse and the appearance of a desktop. It is also the way through which a user interacts with an application or a website

3.1.4 PYTHON WEB FRAMEWORK

A Web framework is a collection of packages or modules which allow developers to write Web applications or services without having to handle such low-level details as protocols, sockets or process/thread management. The Python web framework used in this project is Django.

3.2 SOFTWARES USED

3.2.1 CODE EDITORS USED

VISUAL STUDIO CODE

Visual Studio Code is a source-code editor developed by Microsoft for Windows, Linux and MacOS. It includes support for debugging, embedded Git control and GitHub, syntax highlighting, intelligent code completion, snippets, and code refactoring.

3.2.2 PROGRAMMING LANGUAGES USED

HTML5

Hypertext Markup Language is the standard markup language for documents designed to be displayed in a web browser. It can be assisted by technologies such as Cascading Style Sheets and scripting languages such as JavaScript.

CSS3

Cascading Style Sheets (CSS) is a stylesheet language used to describe the presentation of a document written in HTML or XML (including XML dialects such as SVG, MathML or XHTML). CSS describes how elements should be rendered on screen, on paper, in speech, or on other media.

JAVASCRIPT

JavaScript (JS) is a lightweight, interpreted, or just-in-time compiled programming language with first-class functions. While it is most well-known as the scripting language for Web pages, many non-browser environments also use it, such as Node.js, Apache CouchDB and Adobe Acrobat. JavaScript, often abbreviated as JS, is a high-level, interpreted scripting language that conforms to the ECMAScript specification. JavaScript has curly-bracket syntax, dynamic typing, prototype-based object-orientation, and first-class functions.

3.2.3 FRAMEWORKS USED

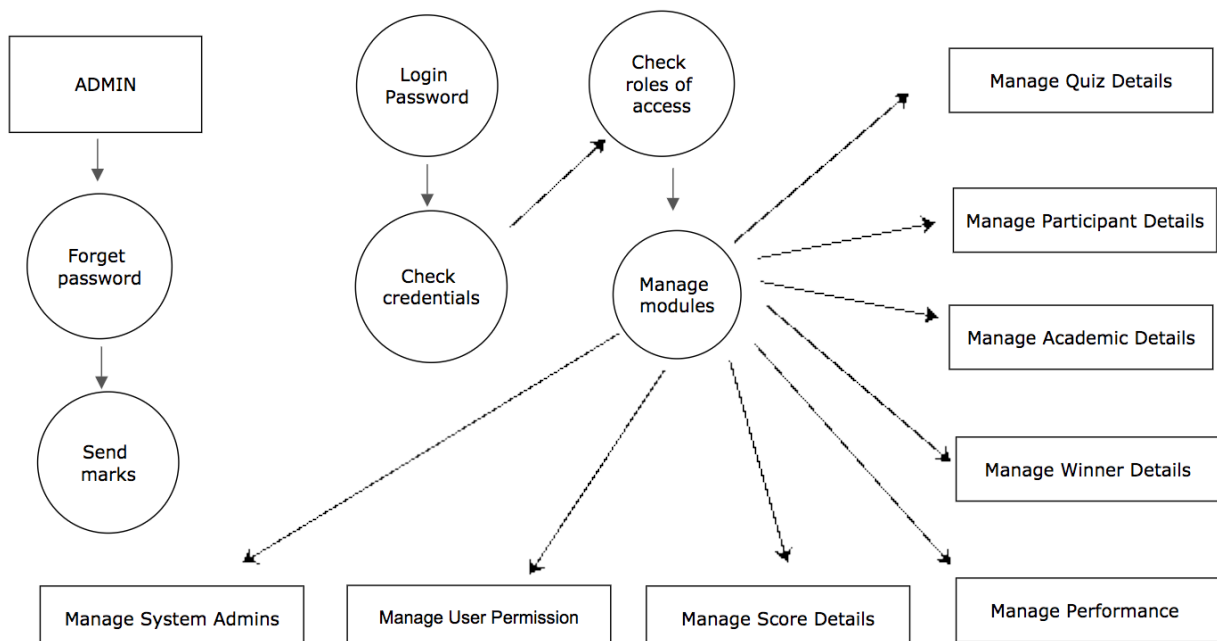
DJANGO

Django is a high-level Python Web framework that encourages rapid development and clean, pragmatic design. Built by experienced developers, it takes care of much of the hassle of Web development, so you can focus on writing your app without needing to reinvent the wheel. It's free and open source.

CHAPTER 4

PROJECT DESCRIPTION

This project aims at creating a Quiz Management System using Django framework. I have created a python file which is developed by Django . There is a user interface which I have created to display the output. The python file and the user interface is connected using Django.The command prompt is opened and the virtual environment containing all the packages is activated. The app directory is opened in the CMD. We can open the app by running the command “python manage.py runserver”. The user interface developed is then opened.



4.1 DATA FLOW DIAGRAM

4.1 PROPOSED MODEL

4.1.1 Purpose of the project

This Project main purpose is to develop Online Quiz system named 'LETS QUIZ'. The application (LETS QUIZ) will provide online based quiz with multiple choice question (MCQ). This quiz application will support android base operating system. With this application, users or any organization can perform actions like

- Administrative Task
- Students Task

Administrative Task

Addition, Deletion and update for questions, answers are the main part of administrative task. Quizzes, Users also can add, delete and update from user interface (UI). As a result, the following tasks are define as administrative task.

- Log in to the application as administrative privilege
- Add, Delete, Edit/Update information for User
- Add, Delete, Edit/Update information for Quiz
- Add, Delete, Edit/Update Question and Answer
- View Result

Students Task

Select any Quiz or subject which he /she wants to give Examination. One interviewee can give Quiz only for one time. Online Quiz Management System Report in Python. Once a quiz has finished, it become inactive to that user. Finally, Score can be shown considering the quiz has been taken from any individuals. As a result, the following tasks are define as interviewee task.

- Log in to the system as Interviewee privilege
- Select Desire Quiz
- Answer questions within set time (by admin)
- Finish Quiz.

4.3 ADVANTAGE

- Students can appear in a quiz from anywhere of the world.
- There is no interaction with pencil and paper.
- Questions are generated intelligently.
- The system generates a new question of a quiz by depending on the result of the question last answered.
- The system generates different questions for different students for the same quiz of a subject.
 - Teachers can use the system for evaluating students effectively, efficiently and perfectly. It is the more efficient and effective methods of assessing distant students
- There is provision of automated marking, that is, teachers do not need to check the answer script as they do in manual quiz.
- Valuable time of a teacher is saved.
- The system will give feedback about a student in which side he/she is weak.
- The system implements distant education

CHAPTER 5

DJANGO FRAMEWORK

5.1 Introduction

Django is a Python-based free and open-source web framework that follows the model-template-views (MTV) architectural pattern.[9][10] It is maintained by the Django Software Foundation (DSF).

Django's primary goal is to ease the creation of complex, database-driven websites. The framework emphasizes reusability and "pluggability" of components, less code, low coupling, rapid development, and the principle of don't repeat yourself. Python is used throughout, even for settings, files, and data models. Django also provides an optional administrative create, read, update and delete interface that is generated dynamically through introspection and configured via admin models.

5.2 Features

5.2.1 Components

Despite having its own nomenclature, such as naming the callable objects generating the HTTP responses "views", the core Django framework can be seen as an MVC architecture. It consists of an object-relational mapper (ORM) that mediates between data models (defined as Python classes) and a relational database ("Model"), a system for processing HTTP requests with a web templating system ("View"), and a regular-expression-based URL dispatcher ("Controller").

5.2.2 Components

- an extensible authentication system
- the dynamic administrative interface
- tools for generating RSS and Atom syndication feeds
- tools for generating Google Sitemaps

5.2.3 Extensibility

This extensibility is, however, mitigated by internal components' dependencies. While the Django philosophy implies loose coupling, the template filters and tags assume one engine implementation, and both the auth and admin bundled applications require the use of the internal ORM. None of these filters or bundled apps are mandatory to run a Django project, but reusable apps tend to depend on them, encouraging developers to keep using the official stack in order to benefit fully from the apps ecosystem.

5.2.4 Server arrangements

Django can be run in conjunction with Apache, Nginx using WSGI, Gunicorn, or Cherokee using flup (a Python module). Django also includes the ability to launch a FastCGI server, enabling use behind any web server which supports FastCGI, such as Lighttpd or Hiawatha. It is also possible to use other WSGI-compliant web servers. Django officially supports five database backends: PostgreSQL, MySQL, MariaDB, SQLite, and Oracle. Microsoft SQL Server can be used with django-mssql on Microsoft operating systems, while similarly external backends exist for IBM Db2, SQL Anywhere and Firebird. There is a fork named django-nonrel, which supports NoSQL databases, such as MongoDB and Google App Engine's Datastore.

5.2.5 Development tools with Django support

Django can be run in conjunction with Apache, Nginx using WSGI, Gunicorn, or Cherokee using flup (a Python module). Django also includes the ability to launch a FastCGI server, enabling use behind any web server which supports FastCGI, such as Lighttpd or Hiawatha. It is also possible to use other WSGI-compliant web servers. Django officially supports five database backends: PostgreSQL, MySQL, MariaDB, SQLite, and Oracle. Microsoft SQL Server can be used with django-mssql on Microsoft operating systems, while similarly external backends exist for IBM Db2, SQL Anywhere and Firebird. There is a fork named django-nonrel, which supports NoSQL databases, such as MongoDB and Google App Engine's Datastore.

5.2.6 CMS's based on Django Framework edit

Django as framework is capable of building a CMS. However, there are a few CMS's already available which are built upon Django. Below is list of few of the CMS's built upon Django framework:

- Django CMS
- Wagtail
- Mezzanine

CHAPTER 6

RESULTS AND DISCUSSION

6.1 SYSTEM REQUIREMENTS

- Operating System: Windows/Mac
- RAM: 4GB
- Processor: 64x 1.0Ghz processor
- ROM: 8GB

6.2 RESULT

General purpose paper based exam system costs time, resources etc. Thus, online exam system gets much more popular. .So there is necessary to change system. Online Quiz application will reduce manual intervention and brings flexibility to users. It's very easy to use from anywhere if internet is available and concern user has access to this application. Administrative task can also be done from UI which is very new for any mobile application considering online examination.

CHAPTER 7

CONCLUSION AND FUTURE WORK

7.1 CONCLUSION

This project is undertaken using machine learning and evaluates the performance by using Random forest, Polynomial Regression and Decision Tree algorithms. In our proposed model among all the three algorithm Random forest gives the better yield prediction as compared to other algorithms. Along with random forest, Polynomial Regression, Decision Tree model classify the output that shows improvements in dataset. So we analyzed that proposed model has got more efficiency than the existing model for finding crop yield. The implementation of above system would help in better cultivation of the agricultural practices of our country. Further it can be used to reduce the loss faced by the farmers and improve the crop yield to get better capital in agriculture. The model can be improved by integrating this with other departments like horticulture, sericulture, and others towards the agricultural development of our country.

7.2 FUTURE WORK

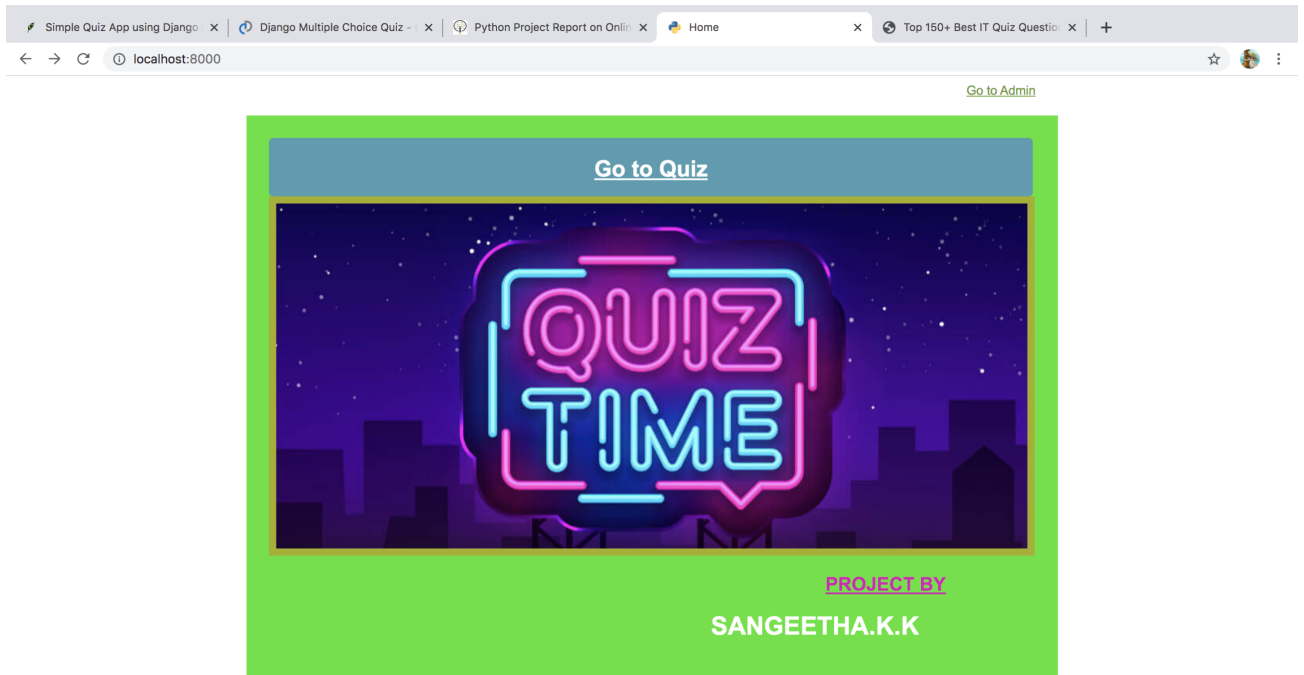
Graphical enhancement will be a part of future planning.

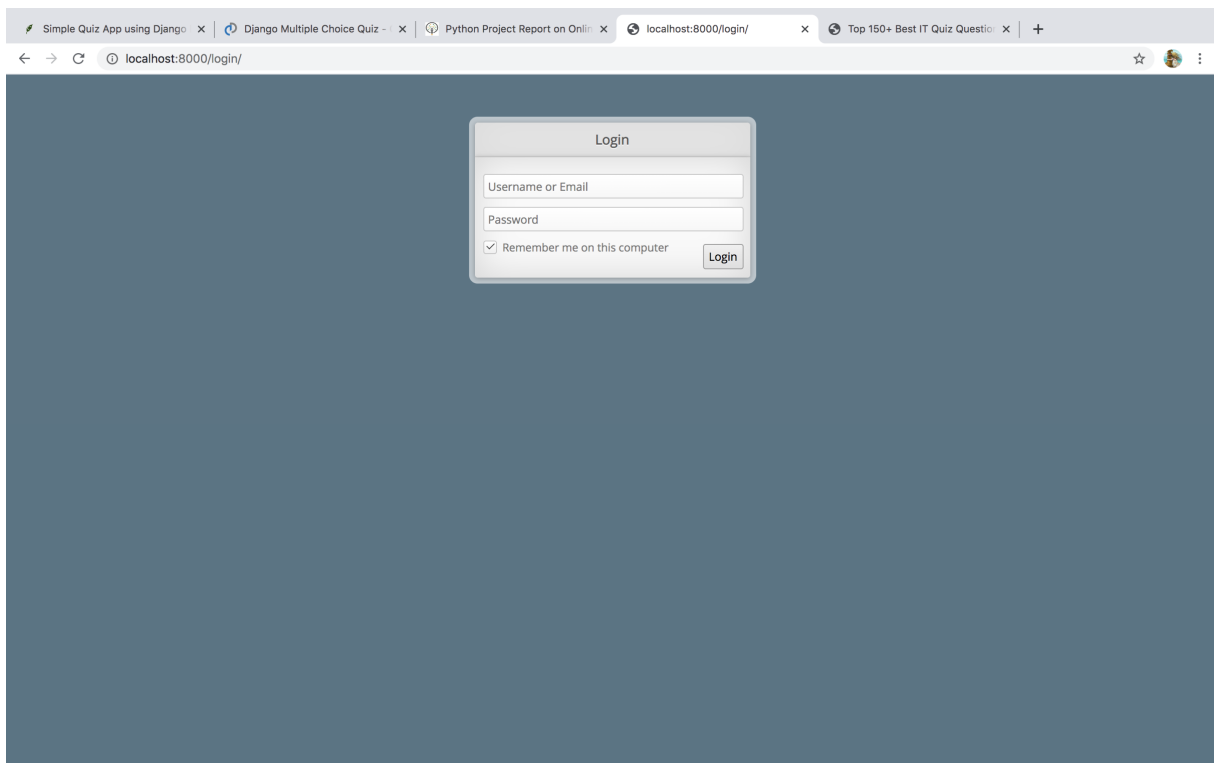
7.3 REFERENCES

1. <https://www.djangoproject.com/>
2. <https://www.w3schools.com/html/>
3. <https://www.w3schools.com/js/DEFAULT.asp>

APPENDIX

A.SCREENSHOTS





Simple Quiz App using Django × Django Multiple Choice Quiz - × Python Project Report on Onlin × Quiz Application × Top 150+ Best IT Quiz Questio × +

← → ↻ localhost:8000/questions/ 🔍 ☆ 🌐 ⋮

Go Back

Objective test Question

1. Who developed python?

☐ a. Steve Jobs

☐ b. Techno Geek

☐ c. Guido Van Rossum

☐ d. Bill Gates

2. How many bits make a byte?

☐ a. 16 bits

☐ b. 8 bits

☐ c. 24 bits

☐ d. 12 bits

3. Which one is the first search engine in internet ?

☐ a. Google

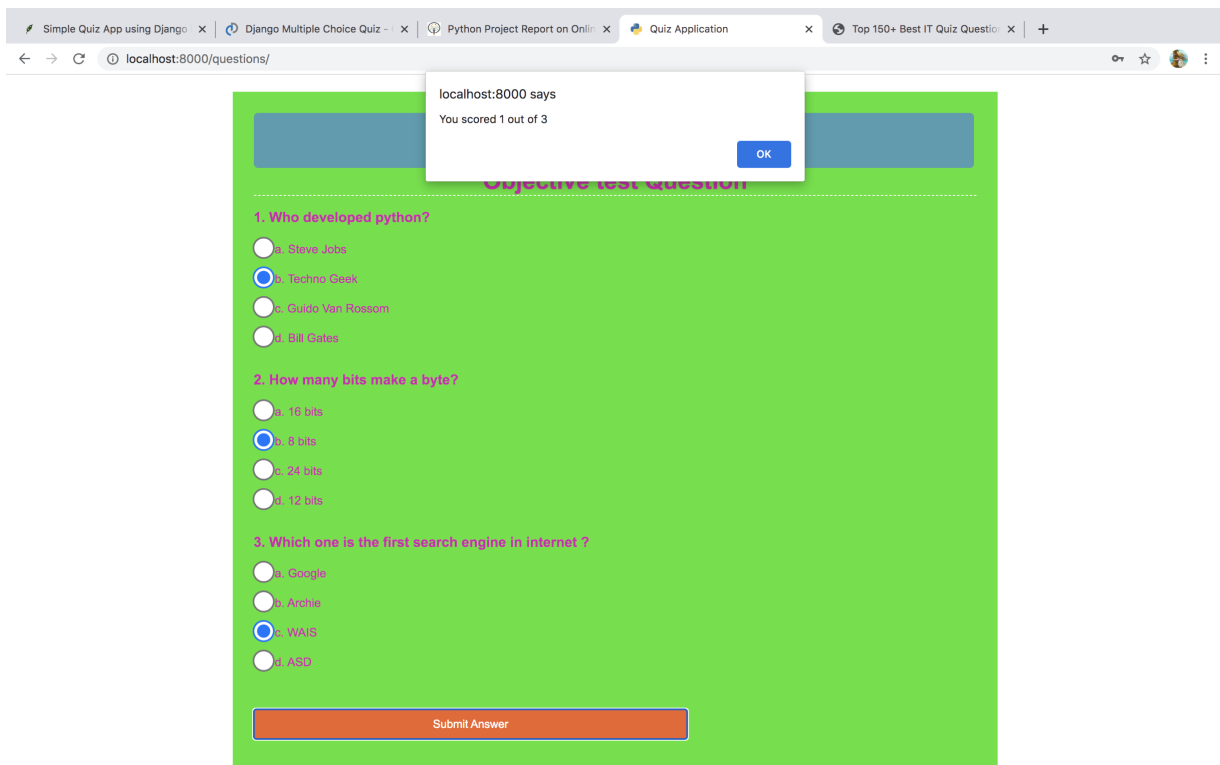
☐ b. Archie

☐ c. WWW

☐ d. ASD

Submit Answer

Reset



Site administration

AUTHENTICATION AND AUTHORIZATION	
Groups	+ Add Change
Users	+ Add Change
QUIZ	
Quizzes	+ Add Change

Recent actions

My actions

- + Quiz object (3)
Quiz
- + Quiz object (2)
Quiz
- Quiz object (1)
Quiz
- + Quiz object (1)
Quiz

Simple Quiz App using Django | Django Multiple Choice Quiz | Python Project Report on Online | Add quiz | Django site admin | Top 150+ Best IT Quiz Questions |

localhost:8000/admin/quiz/quiz/add/

WELCOME, ADMIN | [VIEW SITE](#) / [CHANGE PASSWORD](#) / [LOG OUT](#)

Home > Quiz > Quizzes > Add quiz

AUTHENTICATION AND AUTHORIZATION

Groups

+ Add

Users

+ Add

QUIZ

+ Add

Quizzes

+ Add

Add quiz

Question:

Which one is the first search engine in internet

Option1:

Google

Option2:

Archie

Option3:

WAIS

Option4:

ASD

Answer:

b

Save and add another

Save and continue editing

SAVE

Simple Quiz App using Django × Django Multiple Choice Quiz - × Python Project Report on Onlin... × Add user | Django site admin × Top 150+ Best IT Quiz Questi... × +

localhost:8000/admin/auth/user/add/ ☆ 🧑 ⋮

Django administration

WELCOME, ADMIN. VIEW SITE / CHANGE PASSWORD / LOG OUT

Home » Authentication and Authorization » Users » Add user

AUTHENTICATION AND AUTHORIZATION

Groups + Add

Users + Add

QUIZ

Quizzes + Add

Add user

First, enter a username and password. Then, you'll be able to edit more user options.

Username:

Required. 150 characters or fewer. Letters, digits and @/./+/-/_ only.

Password:

Your password can't be too similar to your other personal information.
Your password must contain at least 8 characters.
Your password can't be a commonly used password.
Your password can't be entirely numeric.

Password confirmation:

Enter the same password as before, for verification.

Save and add another

Save and continue editing

SAVE

Simple Quiz App using Django | Django Multiple Choice Quiz | Python Project Report on Online | Select quiz to change | Django | Top 150+ Best IT Quiz Questions | +

localhost:8000/admin/quiz/quiz/

☆ 👤 ⋮

Django administration

WELCOME, ADMIN | [VIEW SITE](#) / [CHANGE PASSWORD](#) / [LOG OUT](#)

Home > Quiz > Quizzes

AUTHENTICATION AND AUTHORIZATION

Groups

+ Add

Users

+ Add

QUIZ

+ Add

Quizzes

+ Add

No action selected.

Select quiz to change

ADD QUIZ +

Action: ✓ ----- Go 1 of 3 selected

Delete selected quizzes

☐ QUESTION

☒ Which one is the first search engine in internet ?

☐ How many bits make a byte?

☐ Who developed python?

3 quizzes

B.SOURCE CODE

Manage.py

```
#!/usr/bin/env python
import os
import sys

if __name__ == "__main__":
    os.environ.setdefault("DJANGO_SETTINGS_MODULE", "myquiz.settings")
    try:
        from django.core.management import execute_from_command_line
    except ImportError:
        # The above import may fail for some other reason. Ensure that the
        # issue is really that Django is missing to avoid masking other
        # exceptions on Python 2.
        try:
            import django
        except ImportError:
            raise ImportError(
                "Couldn't import Django. Are you sure it's installed and "
                "available on your PYTHONPATH environment variable? Did you "
                "forget to activate a virtual environment?"
            )
        raise
    execute_from_command_line(sys.argv)
```

admin.py

```
from django.contrib import admin
from quiz.models import Quiz

# Register your models here.
class QuizAdmin(admin.ModelAdmin):
    list_display = ('question',)
```

```
admin.site.register(Quiz, QuizAdmin)
```

apps.py

```
from django.apps import AppConfig
```

```
class QuizConfig(AppConfig):  
    name = 'quiz'
```

index.html

```
{% load static %}  
<!DOCTYPE html>  
<html>  
<head>  
    <link rel="shortcut icon" href="{% static 'img/favicon.ico' %}" type="image/x-icon">  
    <link rel = "stylesheet" href = "{% static 'css/quiz.css' %}">  
    <title>Home</title>  
</head>  
<body>  
    <a style = "display: block;text-align: right; color: rgb(106, 155, 43); margin-right: 20%"  
href = "/admin"> Go to Admin </a>  
    <div id = "container">  
        <a class = "button" href = "/login"> Go to Quiz </a>  
        <img src = "{% static 'img/front.jpeg' %}" style = "width: 98%;border: 8px solid  
#A3B00D;">  
        <h2 style = "text-align: right; margin-right: 100px;"><u>PROJECT BY </u>  
<h1 style = "text-align: right;margin-right: 130px;color: #fff;">  
SANGEETHA.K. </h1></h2>  
    </div>  
</body>  
</html>
```

quiz.html

```
{% load static %}
<!DOCTYPE html>
<html>
<head>
  <link rel="shortcut icon" href="{% static 'img/favicon.ico' %}" type="image/x-icon">
  <title>Quiz Application</title>
  <link rel = "stylesheet" href = "{% static 'css/quiz.css' %}">
  <script src = "{% static 'js/quiz.js' %}"></script>
</head>
<body>
  <div id = "container">
    <header>
      <a href="/" class = "button">Go Back</a>
      <h1>Objective test Question</h1>
    </header>

    <section>
      <div id = "results"></div>
      <form name = "quizForm" onsubmit = "return submitAnswers(answers = [{% for q in questions
      %}{{ q.answer }}',{% endfor %}])">
        {% for q in questions %}
          <h3> {{ q.id }}.  {{ q.question }}</h3>
          <input type = "radio" name = "q{{ q.id }}" value = "a" id = "q1a"> a. {{ q.option1 }}<br><br>
          <input type = "radio" name = "q{{ q.id }}" value = "b" id = "q1b"> b. {{ q.option2 }}<br><br>
          <input type = "radio" name = "q{{ q.id }}" value = "c" id = "q1c"> c. {{ q.option3 }}<br><br>
          <input type = "radio" name = "q{{ q.id }}" value = "d" id = "q1d"> d. {{ q.option4 }}<br><br>

        {% endfor %}

        <br><br>
        <input type = "submit" value = "Submit Answer">
      </form>
      <br><br>
```

```

    <a href="/questions" class="button">Reset</a>
  </section>
</footer>
  <p>Copyright &copy;2021, Allright Reserved</p>
</footer>
</div>

</body>
</html>

```

username.html

```

{% load static %}
<!DOCTYPE html>
<html>
<head>
  <link rel="stylesheet" type="text/css" href="{% static 'css/login.css' %}">
  <script src = "{% static 'js/quiz.js' %}"></script>
</head>

<div class="container">
  <div class="login">
    <h1>Login</h1>
    <form method="post" action="/questions/" onsubmit="getName()">
      {% csrf_token %}
      <p><input type="text" id="login" value="" placeholder="Username or Email" required></p>
      <p><input type="password" name="password" value="" placeholder="Password"
      required></p>
      <p class="remember_me">
        <input type="checkbox" name="remember_me" id="remember_me" checked>
        <label for="remember_me"><span class="box"></span>Remember me on this
        computer</label>
      </p>
      <p class="submit"><input type="submit" name="commit" value="Login"></p>
    </form>
  </div>

```

```
</div>
</html>
```

login.css

```
@font-face {
  font-family: 'Open Sans';
  font-style: normal;
  font-weight: 400;
  src: local('Open Sans'), local('OpenSans'),
       url(http://themes.googleusercontent.com/static/fonts/opensans/v6/cJZKeOuBrn4kERxqtaUH3T
       8E0i7KZn-EPnyo3HZu7kw.woff) format('woff');
}

html{
  width: 100%;
  height: 100%;
  background: #557585;
  margin: 0;
  padding: 0;
}

*{
  font-family: 'Open Sans' !important;
  font-style: normal;
}

.login {
  position: relative;
  margin: 50px auto;
  width: 307px;
  padding: 10px;
  border-radius: 10px;
  border: 7px solid rgba(254, 254, 254, 0.6);
}

.login p.submit {
  text-align: right;
  margin-right: -2px;
  padding-top: 5px;
```

```

}
.login h1 {
  margin: -10px -10px 0 -10px;
  line-height: 40px;
  font-size: 16px;
  font-weight: bold;
  color: #555;
  text-align: center;
  text-shadow: 0 1px white;
  background: #e6e6e6;
  border-bottom: 1px solid #cfcfcf;
  border-top-left-radius: 3px;
  border-top-right-radius: 3px;
  -webkit-box-shadow:0 1px 6px rgba(0, 0, 0, 0.3), 0 0 40px rgba(0, 0, 0, 0.05) inset;
  -moz-box-shadow:0 1px 6px rgba(0, 0, 0, 0.3), 0 0 40px rgba(0, 0, 0, 0.05) inset;
  box-shadow:0 1px 6px rgba(0, 0, 0, 0.3), 0 0 40px rgba(0, 0, 0, 0.05) inset;
}

.login form{
  padding: 10px 10px 10px 10px;
  margin: 0 -10px -10px -10px;
  border-bottom-right-radius:3px;
  border-bottom-left-radius: 3px;
  background-color: #f9f9f9;
  -webkit-box-shadow:0 1px 6px rgba(0, 0, 0, 0.3), 0 0 40px rgba(0, 0, 0, 0.15) inset;
  -moz-box-shadow:0 1px 6px rgba(0, 0, 0, 0.3), 0 0 40px rgba(0, 0, 0, 0.15) inset;
  box-shadow:0 1px 6px rgba(0, 0, 0, 0.3), 0 0 40px rgba(0, 0, 0, 0.15) inset;
}

.login p {
  margin: 10px 0 0;
}

.login p.remember_me {
  float: left;
  font-size: 13px;
  color: #777;

```

```

    cursor: pointer;
}
/* Text Inputs */
input[type="text"]
{
    width: 300px;
    color: #3e3e3e;
    display: block;
    margin-top: 5px;
    border: 1px solid #c3c3c3;
    height: 25px;
    border-radius: 3px;
    padding-left: 5px;
    background: #ffffff; /* Old browsers */
    background: -moz-linear-gradient(top, #ffffff 0%, #f7f7f7 100%); /* FF3.6+ */
    background: -webkit-gradient(linear, left top, left bottom, color-stop(0%,#ffffff), color-stop(100%,#f7f7f7)); /* Chrome, Safari4+ */
    background: -webkit-linear-gradient(top, #ffffff 0%, #f7f7f7 100%); /* Chrome10+, Safari5.1+ */
    background: -o-linear-gradient(top, #ffffff 0%, #f7f7f7 100%); /* Opera 11.10+ */
    background: -ms-linear-gradient(top, #ffffff 0%, #f7f7f7 100%); /* IE10+ */
    background: linear-gradient(to bottom, #ffffff 0%, #f7f7f7 100%); /* W3C */
    filter: progid:DXImageTransform.Microsoft.gradient( startColorstr='#ffffff', endColorstr='#f7f7f7', GradientType=0 ); /* IE6-9 */
}
input[type="text"]:focus
{
    border: 1px solid black;
}
/* Password Text Box Styling */
input[type="password"]
{
    width: 300px;
    color: #3e3e3e;
    display: block;
    margin-top: 5px;
    border: 1px solid #c3c3c3;

```

```

height: 25px;
border-radius: 3px;
padding-left: 5px;
background: #ffffff; /* Old browsers */
background: -moz-linear-gradient(top, #ffffff 0%, #f7f7f7 100%); /* FF3.6+ */
background: -webkit-gradient(linear, left top, left bottom, color-stop(0%,#ffffff), color-stop(100%,#f7f7f7)); /* Chrome, Safari4+ */
background: -webkit-linear-gradient(top, #ffffff 0%, #f7f7f7 100%); /* Chrome10+, Safari5.1+ */
background: -o-linear-gradient(top, #ffffff 0%, #f7f7f7 100%); /* Opera 11.10+ */
background: -ms-linear-gradient(top, #ffffff 0%, #f7f7f7 100%); /* IE10+ */
background: linear-gradient(to bottom, #ffffff 0%, #f7f7f7 100%); /* W3C */
filter: progid:DXImageTransform.Microsoft.gradient( startColorstr='#ffffff', endColorstr='#f7f7f7', GradientType=0 ); /* IE6-9 */
}

input[type="password"]:focus
{
border: 1px solid black;
}

/* Button Styling */
button,
input[type="submit"],
input[type="reset"]
{
display: inline;
margin-top: 0;
border: 1px solid #999;
height: 30px;
line-height: 25px;
background: #f0f0f0; /* Old browsers */
background: -moz-linear-gradient(top, #f0f0f0 0%, #e7e7e7 47%, #dfdfdf 100%); /* FF3.6+ */
background: -webkit-gradient(linear, left top, left bottom, color-stop(0%,#f0f0f0), color-stop(47%,#e7e7e7), color-stop(100%,#dfdfdf)); /* Chrome, Safari4+ */
background: -webkit-linear-gradient(top, #f0f0f0 0%, #e7e7e7 47%, #dfdfdf 100%); /* Chrome10+, Safari5.1+ */
background: -o-linear-gradient(top, #f0f0f0 0%, #e7e7e7 47%, #dfdfdf 100%); /* Opera 11.10+ */
background: -ms-linear-gradient(top, #f0f0f0 0%, #e7e7e7 47%, #dfdfdf 100%); /* IE10+ */

```

```

background: linear-gradient(to bottom, #f0f0f0 0%,#e7e7e7 47%,#dfdfdf 100%); /* W3C */
filter: progid:DXImageTransform.Microsoft.gradient( startColorstr='#f0f0f0',
    endColorstr='#dfdfdf',GradientType=0 ); /* IE6-9 */
color: black;
border-radius:3px;

}
button:hover,
input[type="submit"]:hover
{
background: #f5f5f5; /* Old browsers */
background: -moz-linear-gradient(top, #f5f5f5 0%, #ececcec 47%, #e4e4e4 100%); /* FF3.6+ */
background: -webkit-gradient(linear, left top, left bottom, color-stop(0%,#f5f5f5), color-
    stop(47%,#ececcec), color-stop(100%,#e4e4e4)); /* Chrome,Safari4+ */
background: -webkit-linear-gradient(top, #f5f5f5 0%,#ececcec 47%,#e4e4e4 100%); /*
    Chrome10+,Safari5.1+ */
background: -o-linear-gradient(top, #f5f5f5 0%,#ececcec 47%,#e4e4e4 100%); /* Opera 11.10+ */
background: -ms-linear-gradient(top, #f5f5f5 0%,#ececcec 47%,#e4e4e4 100%); /* IE10+ */
background: linear-gradient(to bottom, #f5f5f5 0%,#ececcec 47%,#e4e4e4 100%); /* W3C */
filter: progid:DXImageTransform.Microsoft.gradient( startColorstr='#f5f5f5',
    endColorstr='#e4e4e4',GradientType=0 ); /* IE6-9 */
color: black;
}
/* CheckBox Styling */
input[type="checkbox"]
{
display: none; /* hide original checkbox */
}
/* checked style for checkbox */
input[type="checkbox"]:checked + label .box
{
position: relative;
}
/* check */
input[type="checkbox"]:checked + label .box:after
{

```

```

content: ";
width: 8px;
height: 4px;
position: absolute;
left: 3px;
top: 2px;
border: 1px solid #414141;
border-top: none;
border-right: none;
-webkit-transform: rotate(-45deg);
-moz-transform: rotate(-45deg);
-ms-transform: rotate(-45deg);
transform: rotate(-45deg);
}
/* unchecked style for checkbox */
.box
{
display: inline-block;
width: 14px;
height: 14px;
border-radius: 3px;
border: 1px solid #c3c3c3;
float: left;
margin-right: 7px;
margin-top: 1px;
background-image: -moz-linear-gradient(top, #fff, #efefef);
background-image: -webkit-linear-gradient(top, #fff, #efefef);
background-image: -ms-linear-gradient(top, #fff, #efefef);
background-image: linear-gradient(top, #fff, #efefef);
}

```

quiz.css

```

body{
background: #FFFFFF;
color:#D70AB2;

```

```
font-family: 'Arial', sans-serif;
font-size: 14px;
}
#container{
width: 60%;
background: #45E229;
margin: 20px auto;
overflow: auto;
padding: 25px;
}
header{
text-align: center;
border-bottom: #fff dashed 1px;
}
header h1{
margin: 0;
padding: 0;
}
header p{
padding: 0;
margin-top: 5px;
color: #000;
}
section{
min-height: 400px;
}
footer{
background: black;
text-align: center;
}
input[type = 'submit']{
width: 60%;
background: #f06226;
border:0;
color: #fff;
padding: 10px 15px;
```

```

    cursor: pointer;
}
input[type = 'radio']{
    transform: scale(2);
}
#results h3{
    background: #FFFFFF;
    color: #22C4C6;
    padding: 10px;
    margin: 10px 0;

}
#results span{
    color: red;
    font-weight: bold;
}
.button {
    font-size: 25px;
    display: block;
    width: 95%;
    height: 25px;
    background: #4E9CAF;
    padding: 20px;
    text-align: center;
    border-radius: 5px;
    color: white;
    font-weight: bold;
}

```

quiz.js

```

function getName(){
    login = document.getElementById("login").value;
    alert("Hi, " + login);
    return login;
}

```

```

function submitAnswers(answers){

    var total = answers.length;
    var score = 0;
    var choice = []

    //getting choices
    /*
    var q1 = document.forms["quizForm"]["q1"].value;
    var q2 = document.forms["quizForm"]["q2"].value;
    var q3 = document.forms["quizForm"]["q3"].value;
    var q4 = document.forms["quizForm"]["q4"].value;
    var q5 = document.forms["quizForm"]["q5"].value;
    */

    //new dynamic method 1
    for(var i = 1; i <= total; i++){

        choice[i] = document.forms["quizForm"]["q"+i].value;
    }

    //validation
    /*
    for(i = 1; i <= total; i++){
        if(eval('q'+i) == null || eval('q'+i) == ""){
            alert('you missed question ' + i);
            return false;
        }
    }
    */

    for(i = 1; i <= total; i++){
        if(choice[i] == null || choice[i] == ""){
            alert('you missed question ' + i);
            return false;
        }
    }
}

```

```
}
```

```
//set correct answer
```

```
//var answers = ["b", "d", "a", "c", "c"];
```

```
//this variable is replaced by database answer
```

```
//check answer
```

```
/*
```

```
for(i = 1; i <= total; i++){
```

```
    if(eval('q' + i) == answers[i - 1]){
```

```
        score++;
```

```
    }
```

```
}
```

```
*/
```

```
// new dynamic method 1 for checking answer
```

```
for(i = 1; i <= total; i++){
```

```
    if(choice[i] == answers[i - 1]){
```

```
        score++;
```

```
    }
```

```
}
```

```
//Display Result
```

```
var results = document.getElementById('results');
```

```
results.innerHTML = "<h3>You scored <span>" + score + "</span> out of <span>" + total +  
    "</span></h3>"
```

```
alert("You scored " + score + " out of " + total);
```

```
return false;
```

```
}
```