AIROBOTICA SERVICES PVT LTD.

AIROBOTICA
IT'S EXCEPTIONALLY ARTIFICIAL INTELLIGENCE

AN INTERSHIP REPORT

ON

"POLL CREATER USING DJANGO AND CHARTJS"

Submitted in partial fulfilment of the requirement for the award of degree of

Bachelor of Engineering In

Computer Science Engineering

Submitted By

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2020-2021

ACKNOWLEDGEMENT

The satisfaction and euphoria that accompanies the successful completion of any task would be incomplete without mentioning the people who made it possible. With deep gratitude, I acknowledge all those guidance and encouragement, which served as bacon of light and crowned our efforts with success. I thank each one of them for their valuable support.

I express my sincere thanks to **Mr. SHAIK MDR, DIRECTOR,** Airobotica services Pvt Ltd, for providing necessary facilities and motivation to carry out internship work successfully.

I would also like to express thanks to Project guide **MR. ANEES REHMAN KHAN,** Instructor, for his invaluable support and guidance to complete internship work successfully.

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ABSTRACT

This is to verify that the project work entitled "POLL GENERATOR" is a bonafied worl carried out by **AKHILESH S** bearing the USN number **4NN17CS003**, **VIGNESH R** bearing the USN number **4NN16CS056, CHANDAN G** bearing the USN number **4NN18CS401** in partial fulfilment of the requirement for the award of degree of **Bachelor of Engineering in Computer Science and Engineering of Visvesvaraya Technological University, Belagavi** during the year 2020-2021.

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PROJECT GUIDE **DIRECTOR**

Mr. ANEES REHMAN KHAN **Mr. SHAIK MDR**

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ABOUT COMPANY

About AIROBOTICA!

BUILDING AN INNOVATIVE TOMORROW!

AIRobotica

is a Bangalore (the Silicon Valley of India,Make in India) based firm that strives to foster Artificial Intelligence by bridging the unexplored realm of innovative opportunities in AeroSpace Technology, IOT ,IIOT R&D in Nano ,Micro Satellite research based Company We believe in the power of Futuristic technology, where Artificial Intelligence will establish its hold to solve the complex problems and to open up new avenues for businesses of all sizes, across all verticals. Hence, Our solutions are highly Industry and Requirement specific. Using AI, ML RPA, Space, IOT and SAP ERP services, we will help you promote agile and cost-effective business, administrative and marketing operations.

Our aim is to help enterprises create an automated environment to achieve accuracy. Our enterprise-friendly applications can be configured and managed within an IT governed framework and operating model, thereby unlocking the possibilities of becoming the Future Leaders.

Our company specializes in providing solutions for Small, Medium and Large Enterprises via our products and services.

Submitted to:

Shaikh Mohammed Rasool,

Director, Airobotica Services Pvt Ltd.

CHAPTER 1

INTRODUCTION

• TITLE OF THE PROJECT

POLL GENERATOR

• PROJECT DESCRIPTION

In this project "POLL GENERATOR" you can generate polls and once the poll is created anonymous users can participate in the poll and the results will be displayed in the form of bar graph.

1.1 INTRODUCTION TO THE TECHNOLOGY USED

• Django framework

Django is an open source web application frame work written in Python. The primary goal--- of Django is to make the development of complex, data-based websites easier. Thus Django emphasizes the reusability and pluggability of components to ensure rapid ---developments. Django consists of three major parts: model, view and template.

• Model

Model is a single, definite data source which contains the essential field and behavior of the data. Usually one model is one table in the database. Each attribute in the model-- represents field table in the database. Django provides a set of automatically-generated database application programming interfaces (APIs) for the convenience of users.

- **View**

View is short form of view _le. It is a _le containing Python function which takes web-------- requests and returns web responses. A response can be HTML content or XML documents or a \404 error" and so on. The logic inside the view function can be arbitrary as long as it returns the desired response. To link the view function with a particular URL we need to use a structure called URL which maps URLs to view functions.

- **Template**

Template contains the .html files that are used for frontend display. If we don’t mention the templates directory in settings.py then the error occurs as “TEMPLATE DOESNOTEXIT /”.

CHAPTER 2

SYSTEM REQUIREMENT SPECIFICATION

To understand the nature of the software to be built, the software engineer must understand the information domain of the software, as well as the function, performance and interface. Requirement definition is the activity of translating information gathered during analysis activity into a document that defines a set of requirements. Requirement definition is the high abstract of requirements. Requirements may be functional or non-functional.

2.1 Software Requirements:

- **Operating System :** Windows 7 and above
- **User Interface :** HTML5, CSS,JS,PYTHON
- **Web Framework :** DJANGO framework
- **Editor :** VISUAL CODE STUDIO
- **Web Server :** Google chrome/Internet Explorer

2.2 Hardware Requirements:

- **Hard disk :** 500GB
- **RAM :** 8 GB
- **Processor :** Intel

CHAPTER 3

SYSTEM ANALYSIS

System analysis in systems engineering and software engineering encompass a problem solving technique that break down a system into its component pieces for the purpose of the studying how well those components parts work and interact to accomplish their purpose.

The field of the system analysis relates closely to the requirements analysis. Focuses on those tasks that go into determining the needs or conditions to meet for new or altered products, tasking account of the possible conflicting requirements of the various stakeholders, such as users.

3.1 PROPOSED SYSTEM:

Objective is to make the decisions clear and transparent so that no gambling is done inside the poll.

- The Poll System is easy to use and maintain. Admin enters the poll and make it live so that the users check for the poll and vote for the appropriate option which they want to vote.
- The results are clearly showed as soon as the voting is done.
- The records can be saved for future and previous records can be easily viewed

Advantages:

- Provides efficient way of managing polls.
- Saves the time of admins for visualizing the data.

Feasibility study:

A feasibility study is undertaken to determine to the possibility or probability of either improving the existing system or developing a

completely new system. It helps to obtain the overview of the problem and to get a rough assessment of whether other feasible solution exists.

3.2 OBJECTIVE OF THE PROJECT:

In this project "POLL GENERATOR" you can generate polls and once the poll is created anonymous users can participate in the poll and the results will be displayed in the form of bar graph.

CHAPTER 4

SYSTEM DESIGN

Once the software requirements have been analyzed and specified the software design. It involves 3 technical activities – design, coding, implementation and testing - these are required to build and verify the software.

The Design activities are of main importance in this phase, because in this activity, decisions ultimately affects the success of the software implementation and its case of maintenance are made. These decisions have the final bearing upon reliability and maintainability of the system. Design is the only way to accurately translate the customer’s requirements into finished software or a system.

CHAPTER 5

APPENDIX AND SNAPSHOTS

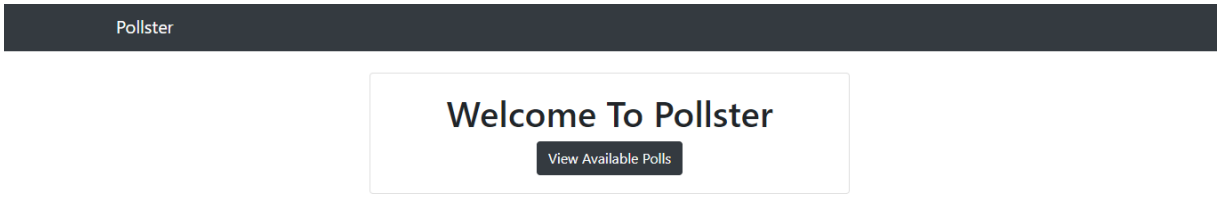

FIGURE 5.1 HOME PAGE

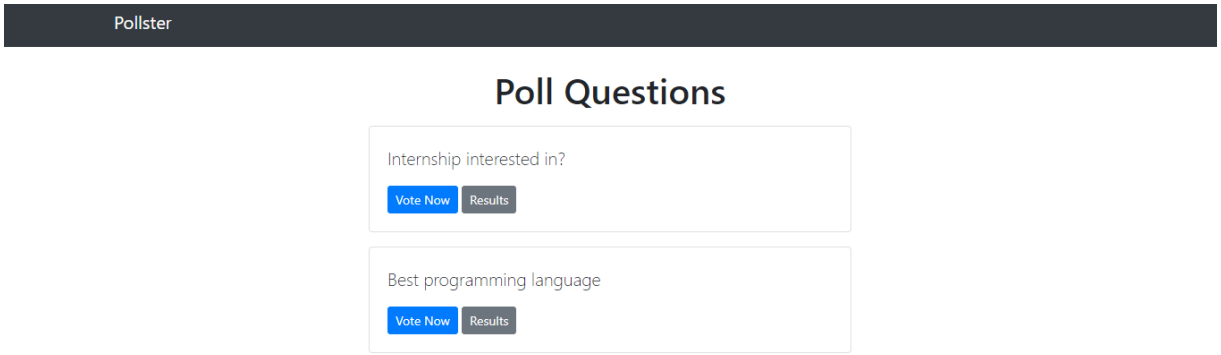

FIGURE 5.2 AVAILABLE POLL PAGE

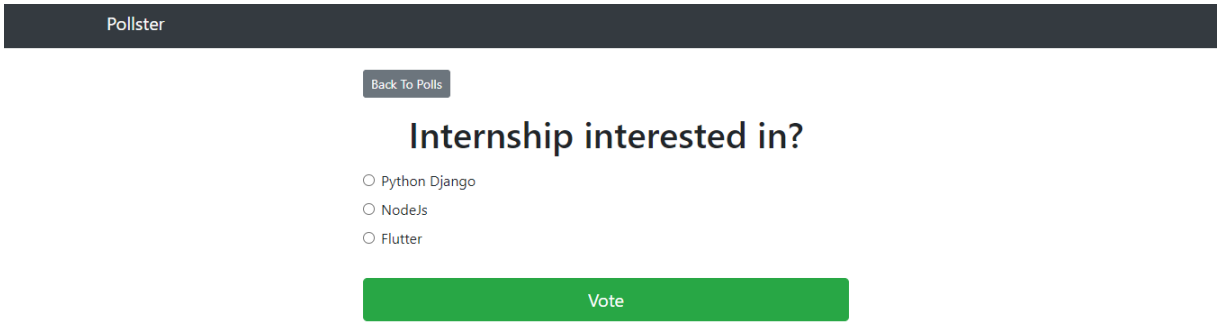

FIGURE 5.3 INPOLL PAGE

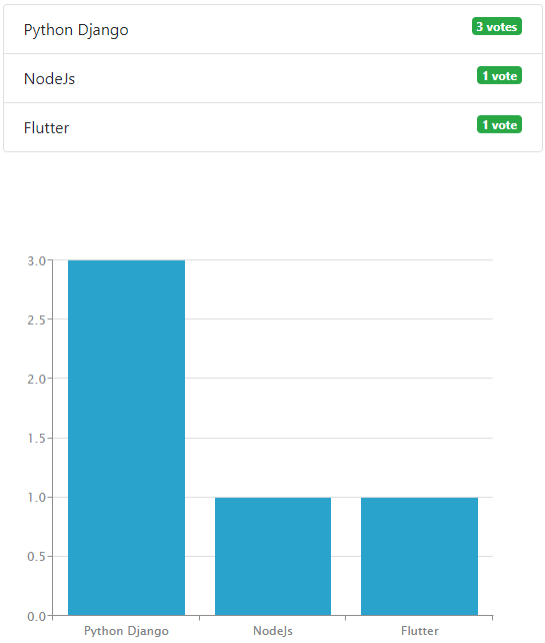

FIGURE 5.4 POLL RESULTS PAGE

CONCLUSION

The Project titled as **" POLL GENERATOR "** was deeply studied and analyzed to design code and implement. It was done under the guidance of the experienced project guide.

The Main Objective of this project is to visualize the results data in a graph.

Overall this will greatly simplify and speed up the result preparation and management process, and also reduce the human efforts.

REFERENCES

For Django Framework

- https://docs.djangoproject.com/en/3.1/

For Python

- https://www.python.org/doc/

For charts

- https://www.chartjs.org/docs/latest/

For Any Queries

- https://stackoverflow.com/