

# College Automation With Speech Intelligence

Dikesh Patel<sup>1</sup>, Nisarg Adhvaryu<sup>2</sup>, Prof. Ajaykumar T. Shah<sup>3</sup>

<sup>1,2</sup> Dept of Computer Engineering

<sup>3</sup>HOD, Dept of Computer Engineering

<sup>1,2,3</sup>Alpha College of Engineering and Technology

**Abstract-** College Automation System Project will work on college area network. It will include all the four departments in the college. It will have admission system for, class attendance, online notes and notice board, placement systems so that their students can get all the information by using their valid registration id and password. Let us see how this College Automation System Project will work. College Automation System Project will also help the college administrator. Administrator will able to get all the information regarding any faculty members on particular day and time. Admin panel will also able to edit the login display panel of teachers, staff members, students etc. Admin can add person, delete person, can give special permission.

**Keywords-** Natural language Processing, Artificial Intelligent, HTML, CSS, Advance Java, One Time Password, My SQL

## I. INTRODUCTION

Central idea of this system is that we can access information through a voice command. This system is very useful to any college or university. This system is useful to professor, student, admin, peon and visitor. The main advantage of this system you don't have to need man power its operate on electricity. In a college students have query regarding to his time table, time, and any current circular of gtu. Student access there information through just asking his questions to speech intelligence. If a professor needs to know which lecture is taken by him in which room then our speech intelligence helpful to professor also.

This speech intelligence is useful for student. Student can check there time table or time of recess, circular is passed by gtu or on which day holiday is coming all the activity is performed by speech intelligence. Our schools, community colleges and universities should be incubators of exploration and invention. Educators sold be collaborates learning, seeking new knowledge and constantly acquiring new skills alongside their students.

## II. LITERATURE REVIEW

- Natural language processing (NLP) is a subfield of linguistic, computer science information engineering,

and artificial intelligence concerned with the interactions between computers and human (natural) languages, in particular how to program computers to process and analyze large amounts of natural language data.

- SQL Server is a relational database management system (RDBMS) developed and marketed by Microsoft. As a database server, the primary function of the SQL Server is to store and retrieve data used by other applications.
- Computer science defines AI research as the study of "intelligent agents": any device that perceives its environment and takes actions that maximize its chance of successfully achieving its goals.
- The Java Class Library is the standard library, developed to support application development in Java. It is controlled by Sun Microsystems in cooperation with other java community program.

## III. STUDY FINDINGS

- This voice assists in automating the existing manual system. This is a paperless work. It can be monitored and controlled remotely. It reduces the man power required. It provides accurate information always. Malpractice can be reduced. All years together gathered information can be saved and can be accessed at any time. The data which is stored in the repository helps in taking intelligent decisions by the management.
- The System is to be developed for any user who wants to use it. We want our system user friendly and easy to use. The user also may be non-technical, so the user interface will be designed in such a way that it gets comfortable for non-technical person to operate easily.
- It is a partially measurement of specific technical solution and the availability of technical resorts and expertise. The analyst must find out whether the current technical resources, which are available in the system is capable of handling the data source.
- Admin is an entity that will manage entire system. Admin have must authorized. Admin have all rights to performing any type of given rights to the given user because they will have highest level of access the rights. Admin have under observation of some areas like database, security, integration and management.

- The purpose of making this simulator is to take all responsibility which can control all information regarding educational institute. The main objective is to have data of the campus environment with fully automated system that not only saves lot of time but also gives fast results.
- The minimum hardware requirement is Memory of 4 GB RAM or more, Monitor resolution of 1024\*768 or highest access, Intel i3 processor, 1 GB (or more) available hard disk space.

#### IV. FUTURE ENHANCEMENT

- In future, the application described would be a prototype that would shape the future & there still remains much to do in terms of development and improvement of the existing models.
- Applications created with ease of understanding and the design can be created and tailored to the shopping process to make it more effective and user friendly, thus making it easier & convenient for the users to do the entire shopping process with the use of this application.
- This can be used in educational institutions as well as in corporate world.
- Can be used anywhere and any time as it is a web based application (user location doesn't matter)

#### V. CONCLUSION

In this paper, I am concluding that by developing Job carrier Management system it is very easy for students and Job carrier management team to undertake campus placement process in college. By using this Job carrier management system student can apply online for recruitment process. Student and Job carrier management team are in constant contact so by doing this student can easily access any information. Student can also give online aptitude test and technical interview after the completion of whole process student can also check their result online. By using this new J carrier management system it will save lot a resource n time in future.

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