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DEVELOPING ENGLISH SPEAKING SKILLS AMONG ENGINEERING STUDENTS USING CA-AVR METHODOLOGY

Masarath Jahan[1] & K. B. Glory[2]

[1]Principal, MS Junior College for Girls, Hyderabad, Telangana, India

[2]Assistant Professor, Department of English, K. L. University, Green Fields, Vaddeswaram, Guntur,

Andhra Pradesh, India

ABSTRACT

In proportion to the development of technology, it has become compulsory for colleges of technology to train students in speaking skills so that they may communicate with people all over the world in English as an international language. Speaking English plays an important role in everyday life. As it is totally a different skill most of the Engineering students whose mother tongue is not English face lots of problems while communicating in English. The present study is a novel approach to the existing methods to enhance speaking skills among engineering students using CA-AVR methodology, with the help of this method all the activities of the students which are performed in the English language labs are recorded and maintained as student's portfolio which helps the language teacher to evaluate the students' performance from the beginning to the middle of the semester and at the end.

This is a web-based application which has been developed using the following technologies:

- *HTML, CSS and Bootstrap Framework (for design and appearance)*

- *Javascript, jQuery (for client side validations)*

- *PHP (for server-side programming)*

- *MySQL database (for storage of information)*

KEYWORDS: *Speaking Skills, CA-AVR Methodology, HTML, CSS, Bootstrap Framework, Javascript, Jquery, PHP, MySQL Database*

INTRODUCTION

Speaking is fundamentally different from reading or listening. It is a different skill. While speaking, one has to think and speak without lag. Majority of the people can read, and understand English newspapers and magazines. They can also listen, and understand, English news and other programs on television. But they cannot speak English properly may be because they live, study or work in an environment where they don't require to speak English. That's why they had little practice in speaking English. As we are into the modern world the usage of English should be

continued along with the other regional languages.

Most of the engineering students face problem in finding jobs due to lack of communication skills. In today's world, employers seek graduates with sound communication skills, along with technical engineering knowledge.

Having good communication skills is a valuable asset for any organization and it has become very important to master this skill.

Proper use of Language Lab

The language instructors should make the proper use of language lab so that they can catapult the students to the next level, it should not be an educator's teaching tool. It must be a place where the students can learn and explore new things. Most of the students hesitate to speak English with worry about being judged. This hesitation can be overcome by regular practice in language labs. The proper language lab can become an effective resource for students learning. As speaking is totally a different skill it requires producing sounds in a certain way, which can be learned only through rigorous speaking practice. The vocal cords have to be indoctrinated to those sounds. The language lab can help the students to learn in a way that's comfortable for them.

CA-AVR Methodology

This web-based application has been developed for the language labs to maintain student's record along with their important information. Each student is given ratings and reviews in different categories like speaking, writing, listening etc. The instructor can also upload video or audio clips of each student along with their ratings.
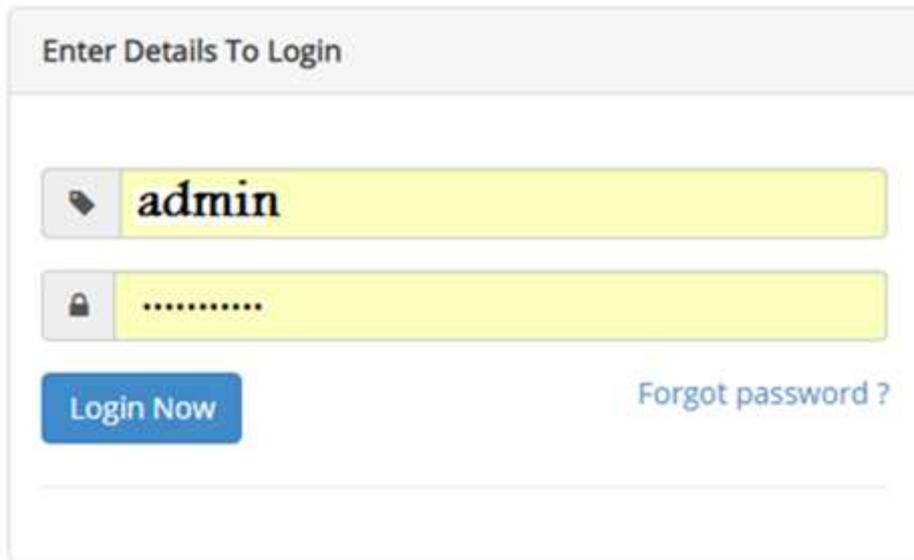
The admin or the instructor, after logging into the panel, can search for all students, check their ratings or by adding new ratings or edit/delete previous ones, upload videos etc.

This data collection describes the student's background, culture, and educational outcomes so that it helps the evaluator to evaluate each of the definitions and data sources in terms of its usefulness so that their learning outcomes improve time to time.

The website is developed and made into practice through this technique. It can also be implemented for other people to learn and evaluate the English language.

Overview of the Application
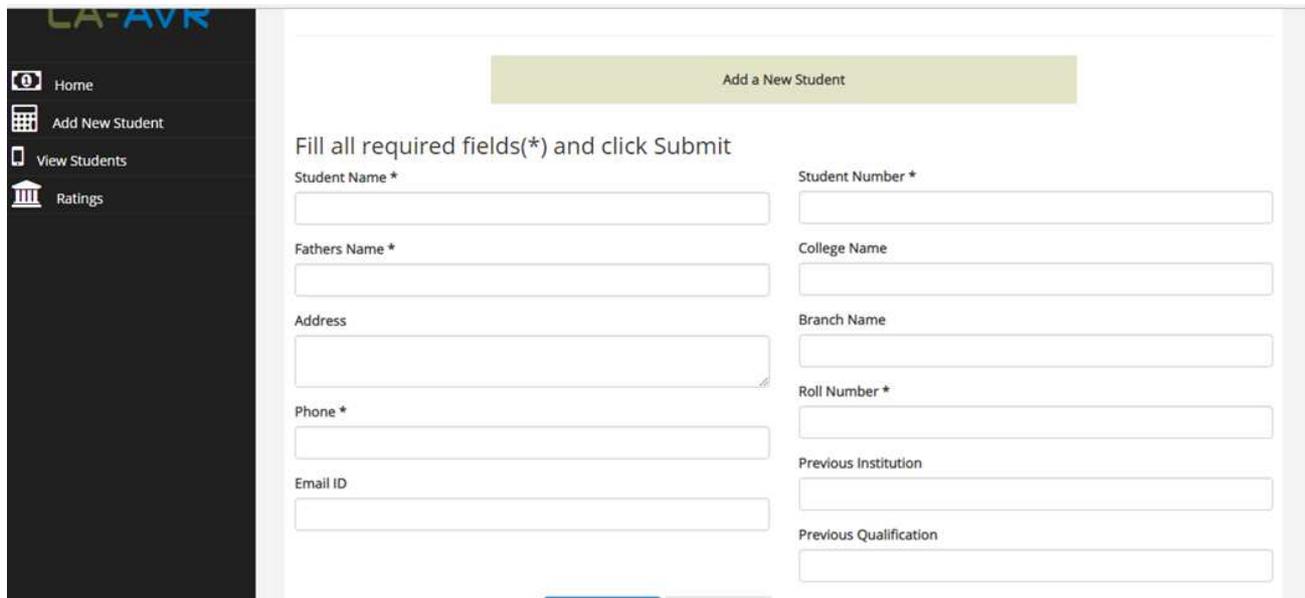
Login Screen for Admin Panel

Figure 1

Add New Student

Whenever a new student joins, his information can be added from this screen.

Figure 2

Add Student Rating

Here the admin can add ratings for a particular category like speaking, listening etc, and also upload video clips of that particular student.
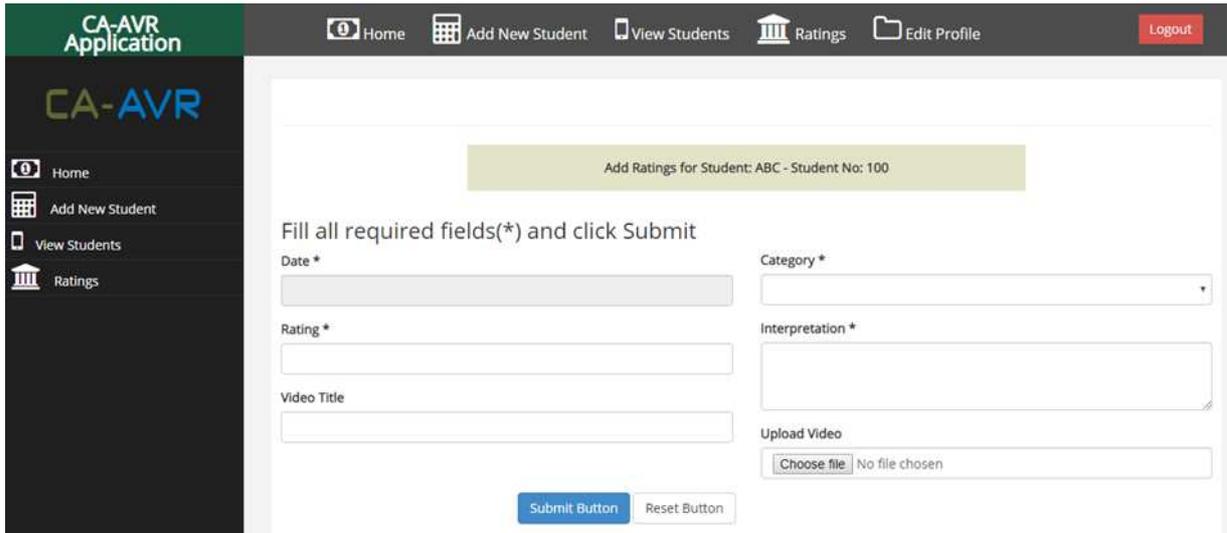
Figure 3

View Students

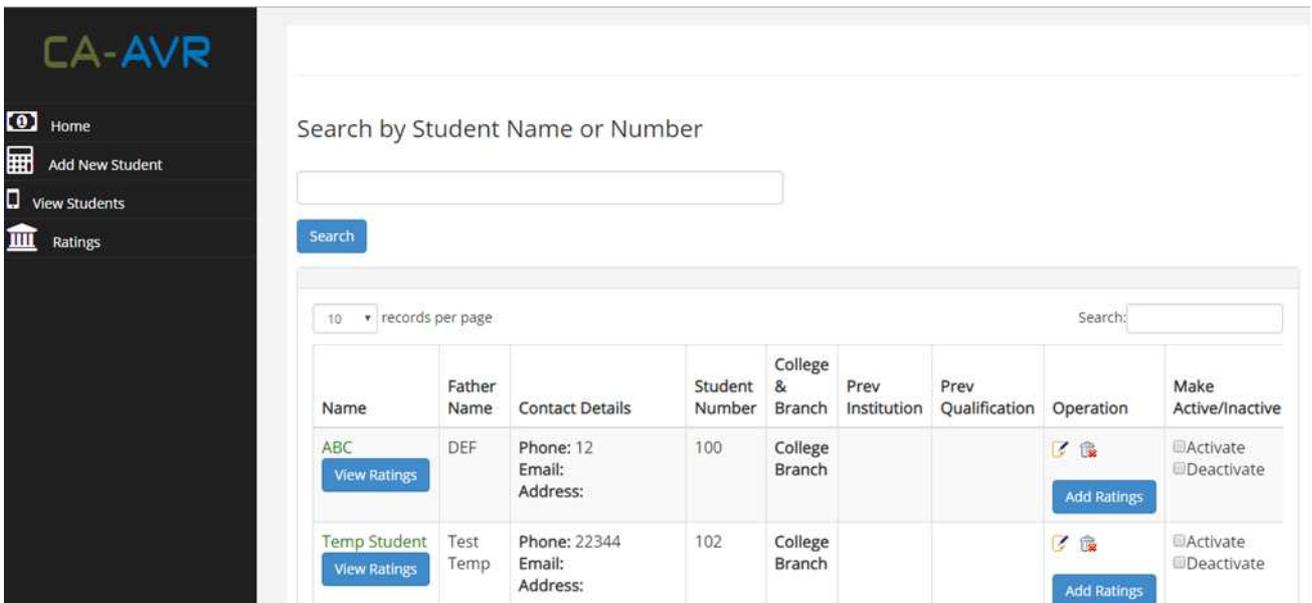The admin can see a list of all students along with their details and contact information.

Figure 4

View Ratings

If someone wants to check ratings of any particular student he can go to this form wherein he can enter the student number or search by student name.
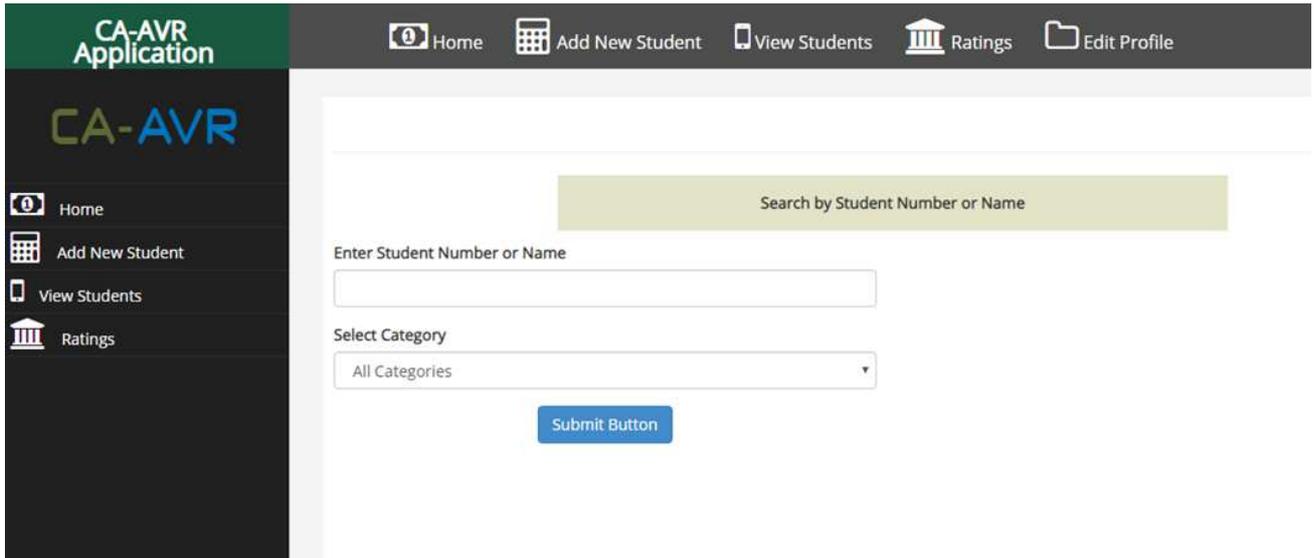
Figure 5

The admin can then view, in an organized format, all the videos and ratings for a particular student in a particular category like speaking, listening etc.
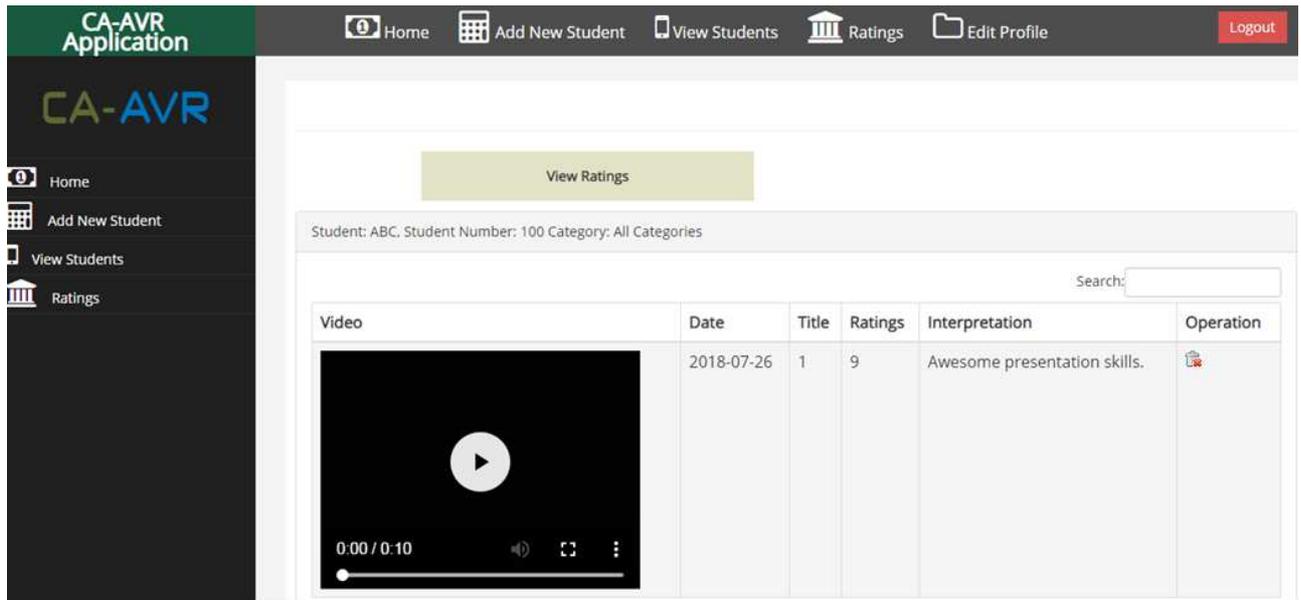

Figure 6

CONCLUSIONS

People aren't born with good communication skills; like any other skill, they are learned through trials, errors and repeated practice. It has become very important to master the speaking skill not only for the academic life of a student but also for the growth in their career.

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