LANGUAGE LABORATORY SYSTEM (Model : XPO-Smart Talk)

Smart Talk: Client

Smart Talk: Talk Server

Master Track

Student Track

◀ **Graphical analysis of student audio recorded file and Master audio file**
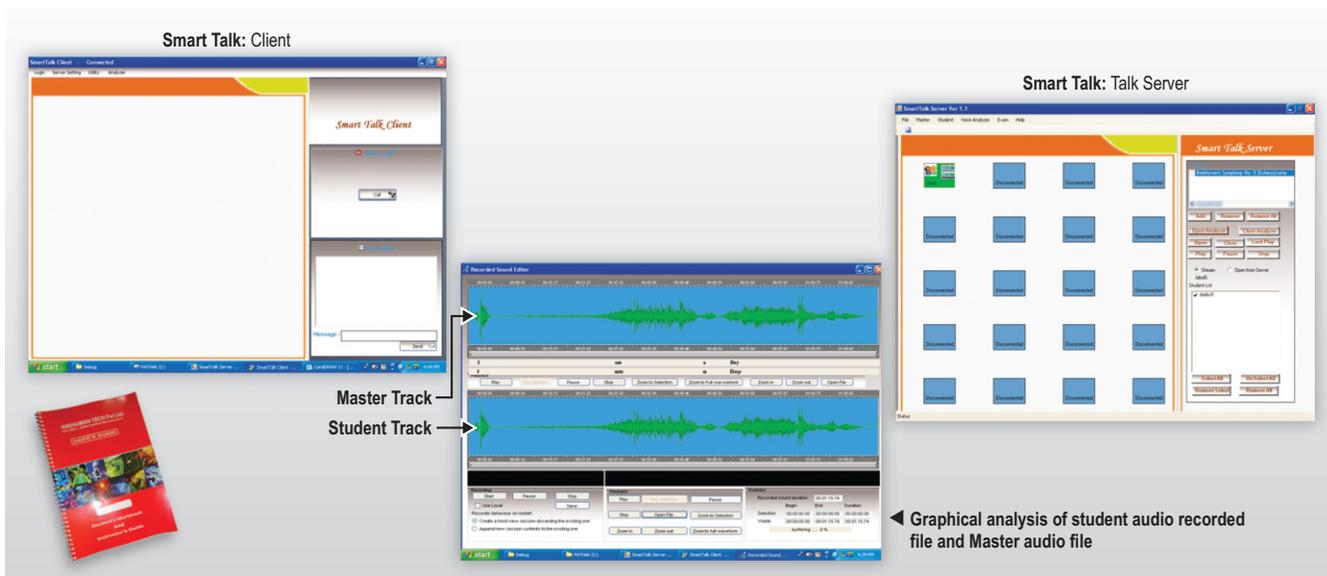
SALIENT FEATURES

- ◆ Useful for learning to speak effectively in English.
- ◆ Multimedia approach lets the teacher use a variety of audio and visual program resources to stimulate students interest and motivate them during learning.
- ◆ Selection of different speaking techniques, accents and study methods.
- ◆ The teacher can monitor each student or group of students very closely by listening recorded sound with graphical presentation(FFT or TFT) enabler with facility like ZOOM /ZOOM OUT , listen selected buffer , observe peak and trough on his PC .

TECHNICAL SPECIFICATIONS

Specification	Teacher Module	Student Module
Language	**English** (Any other language [optional] limited by content availability)	
Login / user	Teacher has to create his account for a batch	Teacher has to enable student/authorise his a/c
	Teachers can log with his a/c no only	Student can log with his a/c no only
Playing a files / Session Manager	Can play the master (audio/video) file / recorded file from other students to particular student's computer or many computers simultaneously.	Student can play master / recorded files which are from his own computer or server computer
	Can create a lecture session in advance to be replayed in absentia.	
Recording / Content Manager	Teacher can record / edit his voice, insert silence, cut paste particular sound	Can record his voice following the played file having play pause.
	Can add tags to voice buffer in English / Regional Language (Optional)	Can add tags to his recorded voice buffer
Reading / Writing	Teacher can assign Text, Audio, Video content to student for recording and writing practice.	Student can open assigned content for reading, listening, watching & also can write by reading Text, listening, watching & can submit his assignment to teacher.
Group Discussion	Teacher can initiate group discussion of selected students. Teacher can control students mic, camera & desktop.	Student can participates in group discussion for on given topic. He can record GD session for more practice.
	Teacher can text chat with a student or group of students.	Student can chat with teacher only when allowed by teacher
	Can enable force browsing to selected sites if internet available	Can browse a site if given access
Audio/Video Broadcasting	Teacher can broadcast his voice & video as well as his desktop screen. He can also add the audio-video content in streaming server for on demand audio-video streaming demanded by student.	Student can broadcast his voice and video to Teacher & all the students. He can request for on demand content streaming.
Analysis	Teacher can observe the student recorded file by graphical repetition audio file by (FFT)	Student can analysis his recorded file by graphic analysis test supported by on student module.
White Board	Can draw /Write/Capture from camera onto whiteboard which can be displayed/shared with selected student.	Teacher can display white whiteboard to selected students only.
Examination	Teacher can conduct online exam. of student or group of students by showing situation (video or animation), textual questions or audio (MP3) file recording for cross checking student response/recording	Student can appear for a exam. by describing or video situations textual answering, audio MP3 file recording by repeating answer in response.
Hardware required (Not in scope of supply)	PIV, 3.0 GHz,180GB HDD,1GB RAM, sound card Monitor, CD/DVD Rom,Keyboard /Mouse, Head phone with Mic (HQ Type), LAN enabled at atleast 100Mbps	PIV/ XP, 3.0 GHz 80GB HDD, 1 GB RAM, Sound Card, Monitor CD/DVD ROM, Keyboard/Mouse, Head phone with Mic (HQ Type), LAN enabled atleast 100 Mbps
Software requirement	Operating system : Windows XP/WIN7/WIN8/WIN10, MS OFFICE 2007.	
Licensing	Teacher module: Supplied on CD installable server / teacher module generated key file to be emailed to us, you will then receive a licensed key file for particular server/ machine to enable teacher module. It's free module, no restriction on no. of copies. However cannot work unless, teacher module is installed for particular No. of station. Free upgrade during 1st year of License, chargeable beyond 1st year Installation charges extra. Evaluation version limited for 3 seats, full specs and 30 days trial period since installation. Deliverables: Teacher CD - 1 No, Students CD - 1 No, Spoken English audio CD's - 4 Nos, Phonetics Training Manual.	