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Description of Class Case Study:

Case Study was on an Open Source Software named Audacity.

Audacity is free, open source, cross platform audio software. It is an easy to use , multi track audio editor and recorder for windows, macos, GNU/Linux and other operating system. It is developed by group of developers as open source.

Audacity offers a lot of features:

1. Recording: It can record live audio through a microphone or mixer or digital recordings from other media.
2. Export/Import : Import, edit and combine sound files. Export your files in many different file formats, including multiple files in one.
3. Sound Quality: Supports 16 bit, 32 bit, 64 bit. Sample rates and formats are converted high quality re-sampling.
4. Editing: Easy editing with cut, copy, paste and delete. Also unlimited sequential undo in the session to go back any number of steps.
5. Effects: Real time preview of LADSPA, LV2, VST and audio unit effects.
6. Analysis: Spectrogram view mode for visualizing and selecting frequencies. Plot spectrum window for detailed frequency analysis.
7. Accessibility: Tracks and selections can be fully manipulated using keywords/ Large range of keyword shortcuts.

Since Audacity is open source and free we don’t need to pay for it and it is developed by programmers and source code is made available to public so that anyone can update as per their need.