



Definition of Shazam application:-

Shazam is an application that can identify music, movies, advertising, and television shows, based on a short sample played and using the microphone on the device.

The software is available for Android, macOS, iOS, Wear OS, watchOS and as a Google Chrome-extension.

Who are the users of the application?:-

Users of the Shazam application who want to get a song or an audio clip, but do not know the name of the song or the sound clip, in the Shazam application, it allows them to find the audio clip they want.

Shazam application features:-

One of the advantages of Shazam is that it is easy to use. Just with a single click or tap on the screen of a mobile phone or computer, you can know an unknown song, the singer and information about him and the album, and also, his expressions only through the program to the song, voice and external melody.

Technology used in Shazam application:-

Shazam identifies songs using an audio fingerprint based on a time-frequency graph called a spectrogram. It uses a smartphone or computer's built-in microphone to gather a brief sample of audio being played. Shazam stores a catalogue of audio fingerprints in a database. The user tags a song for 10 seconds and the application creates an audio fingerprint.