

# Indian Institute of Information Technology, Allahabad

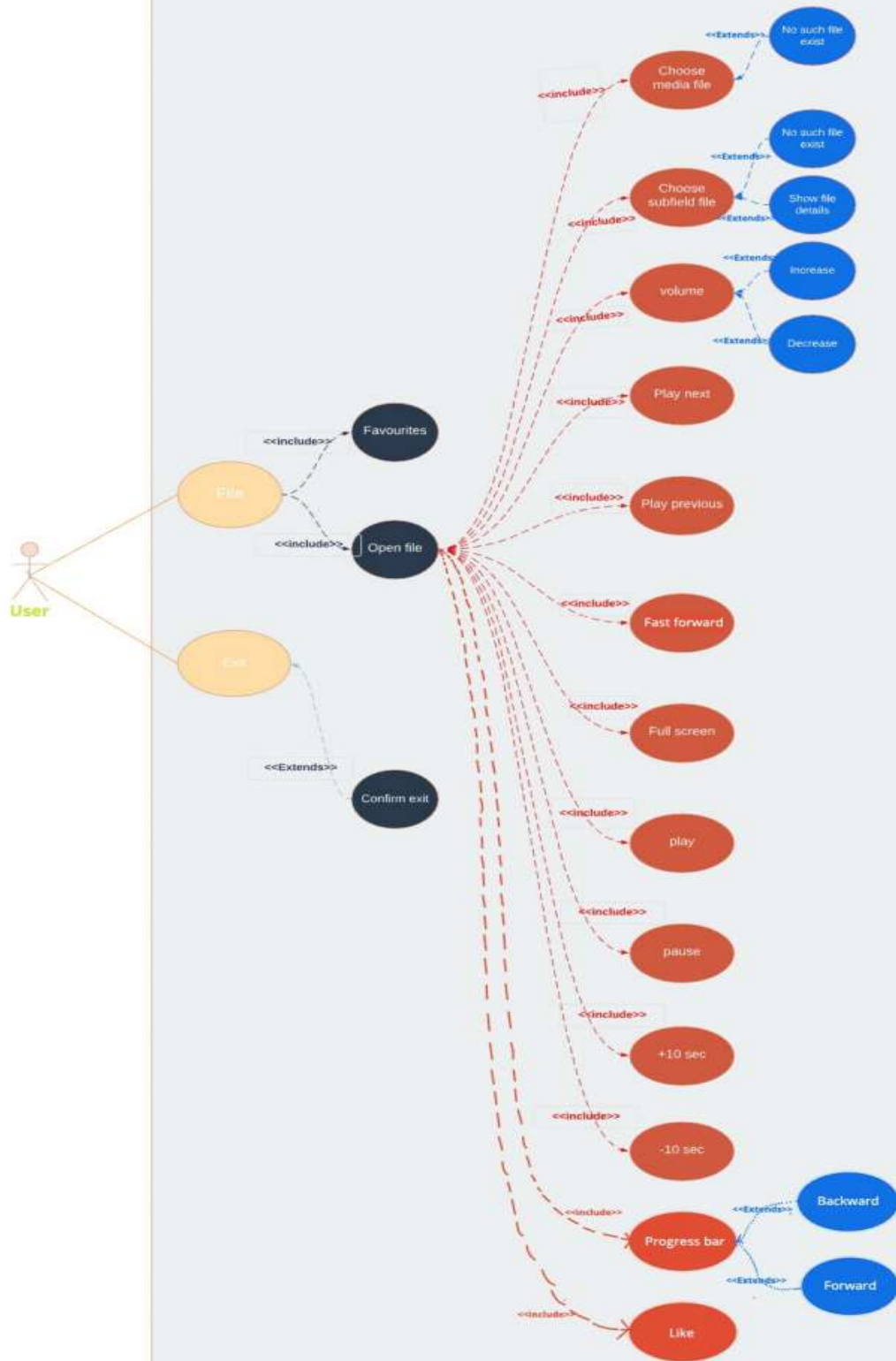
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## USE CASE DIAGRAM

### GROUP MEMBERS

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## Media Player



**Use case name: Play button**

Actor	User
Description	User can click on play button to play the song
Trigger	User click on play icon to play the song
Precondition	No songs should be running before clicking on play button
Normal flow of events	If song already playing then clicking on play button will stop the song
Alternate / Exceptional flows	If song is playing then clicking on play icon will change the icon to pause vice versa

**Use case name: Pause button**

Actor	User
Description	User click on pause button to stop the song
Trigger	User click on pause icon to stop the song
Precondition	songs should be running before clicking on play button
Normal flow of events	If song is not playing then clicking on pause button will play the song
Alternate / Exceptional flows	If song is playing then clicking on play icon will change the icon to pause vice versa

**Use case name: Volume controller**

Actor	User
Description	User can increase or decrease the volume of song
Trigger	User click on (+) icon to increase and (-) to decrease sound
Precondition	If volume set to high then no increase in sound similarly if volume set to 0 then no further decrement in sound level

**Use case name: Progress bar**

Actor	User
Description	The progress bar shows the progress of the song
Trigger	The progress bar becomes active when the user starts playing the song
Precondition	The song must in playing status
Normal flow of events	The progress bar will show the duration of the song The progress bar will be finished if the song is finished play
Alternate / Exceptional flows	The progress bar will reset if user play other song If the user drags the progress bar to left or right, the song's progress will changes The progress bar will reset if finished playing

**Use case name: Play next**

Actor	User
Description	User can click on play next icon to play the next song
Trigger	User click on play next icon to play the next song
Precondition	Should be at least two song to use the play next button
Normal flow of events	If the last song is playing clicking on play next will play the first song
Alternate / Exceptional flows	If only one song is present in the list then clicking on play next will play the same song

**Use case name: Play prev**

Actor	User
Description	User can click on play prev icon to play the previous song
Trigger	User click on play prev icon to play the prev song
Precondition	Should be at least two song to use the play prev button
Alternate / Exceptional flows	If only one song is present in the list then clicking on play prev will play the same song

**Use case name: Forward**( Same for backward except the audio file is moved backward by few seconds)

Actor	User
Description	User can click on forward icon to forward the song by few second
Trigger	By clicking the forward icon the audio or video is forwarded by few seconds
Precondition	Audio or video should be in the play mode
Normal flow of events	The audio or video file is forwarded by few seconds
Alternate / Exceptional flows	If the video or audio is in pause then no change occur and if the video or audio is stopped after duration is completed then the video will start over after clicking forward

**Use case name: Exit**

Actor	User
Description	User can exit the media player
Trigger	User should click on the exit icon to exit media player
Precondition	No precondition, user can click at any time
Normal flow of events	By clicking this media player automatically closes audio files and exit the execution and terminates
Alternate / Exceptional flows	If any media file left unsaved asks confirmation to save it

**Use case name: Choose file (Playlist)**

Actor	User
Description	User can choose audio or video file from local storage
Trigger	Opening media player during start or pausing the current audio or video file enables to choose the file
Precondition	The current file is in the pause or media player will be in the start mode
Normal flow of events	By clicking this a dialogue box will appear showing the list of audio or video file we just have to choose them and it starts playing automatically until we stop or it is over
Alternate / Exceptional flows	If the file does not fit the format then displays error message “unsupported format” and if the media file do not exists it displays “no such file exists”