Main	
Responsibility	**Collaboration**
- *Open a window for the player and sets the title of player* - *Loads the GUI component of the media player* - *Sets the minimum and default width of player* - *Sets the minimum and default height of player* - *Sets the functionality on double click of Mouse.*	- *Sample.fxml(depends on Controller)*

Controller	
Responsibility	**Collaboration**
- *Sets the default volume of the player* - *Sets the default speed of the media to be played* - *Stores the path of media in string* - *Sets the boolean repeat to false* - *Sets the current time of running media to 0* - *Stores the media information in string* - *Sets the total media time to 0*	- *PlayPause* - *Exit* - *Speed* - *Info* - *Volume* - *Stop* - *About* - *FileOpener* - *Media* - *FrameControl*

About	
Responsibility	**Collaboration**
- *Tell about the contributors of the player*	- *Controller*

FileOpener	
Responsibility	Collaboration
- Opens the file at the chosen path and stores total time of media in timeTotal. - Closes the media player	- Controller - MediaPlayer - FormatTime - PlayPause - JumpTime

MediaPlayer(inbuilt class)	
Responsibility	Collaboration
- Open the media in the player	- Speed - FrameControl - Stop - Media - FileOpener - PlayPause - JumpTime

Media(Inbuilt Class)	
Responsibility	Collaboration
- Fetches the path of the media and gives to the media player.	- MediaPlayer - Controller - Info

PlayPause	
Responsibility	Collaboration
- Pauses the media if its playing - Resumes the media if paused	- MediaPlayer - Controller - Replay - FileOpener

Exit	
Responsibility	Collaboration

- Closes the media and exit from the media window	- Controller

Speed	
Responsibility	*Collaboration*
- Changes the speed of media according to the passed parameter	- MediaPlayer - Controller

Info	
Responsibility	*Collaboration*
- Gives the information of the media playing in the player	- Media - Controller - FormatTime

Replay	
Responsibility	*Collaboration*
- Plays media from start	- PlayPause - JumpTime - MediaPlayer - Controller

Volume	
Responsibility	*Collaboration*
- Changes the volume of media according to the passed parameter	- Controller - MediaPlayer

FormatTime	
Responsibility	Collaboration
- provides the displayable time format	- FileOpener - Info

JumpTime	
Responsibility	Collaboration
- Jumps the media to a particular time according to the passed parameter	- MediaPlayer - Replay - FileOpener

Stop	
Responsibility	Collaboration
- stops the playing media at initial time	- MediaPlayer - Controller

FrameControl	
Responsibility	Collaboration
- Controls the frame rate of media playing on the player.	- MediaPlayer - Controller