

CRC DIAGRAM OF MEDIA PLAYER

<i>Main</i>	
<i>Responsibility</i>	<i>Collaboration</i>
<ul style="list-style-type: none">- <i>Open a window for the player and sets the title of player</i>- <i>Loads the GUI component of the media player</i>- <i>Sets the minimum and default width of player</i>- <i>Sets the minimum and default height of player</i>- <i>Sets the functionality on double click of Mouse.</i>	<ul style="list-style-type: none">- <i>Sample.fxml(depends on Controller)</i>

<i>Controller</i>	
<i>Responsibility</i>	<i>Collaboration</i>
<ul style="list-style-type: none">- <i>Sets the default volume of the player</i>- <i>Sets the default speed of the media to be played</i>- <i>Stores the path of media in string</i>- <i>Sets the boolean repeat to false</i>- <i>Sets the current time of running media to 0</i>- <i>Stores the media information in string</i>- <i>Sets the total media time to 0</i>	<ul style="list-style-type: none">- <i>PlayPause</i>- <i>Exit</i>- <i>Speed</i>- <i>Info</i>- <i>Volume</i>- <i>Stop</i>- <i>About</i>- <i>FileOpener</i>- <i>Media</i>

<i>About</i>	
<i>Responsibility</i>	<i>Collaboration</i>
<ul style="list-style-type: none">- <i>Tell about the contributors of the player</i>	<ul style="list-style-type: none">- <i>Controller</i>

<i>FileOpener</i>	
<i>Responsibility</i>	<i>Collaboration</i>
<ul style="list-style-type: none"> - Opens the file at the chosen path and stores total time of media in <i>timeTotal</i>. - Closes the media player 	<ul style="list-style-type: none"> - <i>Controller</i> - <i>MediaPlayer</i> - <i>FormatTime</i> - <i>PlayPause</i> - <i>JumpTime</i>

<i>MediaPlayer(inbuilt class)</i>	
<i>Responsibility</i>	<i>Collaboration</i>
<ul style="list-style-type: none"> - Open the media in the player 	<ul style="list-style-type: none"> - <i>Speed</i> - <i>Stop</i> - <i>Media</i> - <i>FileOpener</i> - <i>PlayPause</i> - <i>JumpTime</i>

<i>Media(Inbuilt Class)</i>	
<i>Responsibility</i>	<i>Collaboration</i>
<ul style="list-style-type: none"> - Fetches the path of the media and gives to the media player. 	<ul style="list-style-type: none"> - <i>MediaPlayer</i> - <i>Controller</i> - <i>Info</i>

<i>PlayPause</i>	
<i>Responsibility</i>	<i>Collaboration</i>
<ul style="list-style-type: none"> - Pauses the media if its playing - Resumes the media if paused 	<ul style="list-style-type: none"> - <i>MediaPlayer</i> - <i>Controller</i> - <i>Replay</i> - <i>FileOpener</i>

<i>Exit</i>	
<i>Responsibility</i>	<i>Collaboration</i>
<ul style="list-style-type: none"> - Closes the media and exit from the media window 	<ul style="list-style-type: none"> - <i>Controller</i>

<i>Speed</i>	
<i>Responsibility</i>	<i>Collaboration</i>
- <i>Changes the speed of media according to the passed parameter</i>	- <i>MediaPlayer</i> - <i>Controller</i>

<i>Info</i>	
<i>Responsibility</i>	<i>Collaboration</i>
- <i>Gives the information of the media playing in the player</i>	- <i>Media</i> - <i>Controller</i> - <i>FormatTime</i>

<i>Replay</i>	
<i>Responsibility</i>	<i>Collaboration</i>
- <i>Plays media from start</i>	- <i>PlayPause</i> - <i>JumpTime</i> - <i>MediaPlayer</i> - <i>Controller</i>

<i>Volume</i>	
<i>Responsibility</i>	<i>Collaboration</i>
- <i>Changes the volume of media according to the passed parameter</i>	- <i>Controller</i> - <i>MediaPlayer</i>

<i>FormatTime</i>	
<i>Responsibility</i>	<i>Collaboration</i>
- <i>provides the displayable time format</i>	- <i>FileOpener</i> - <i>Info</i>

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

<i>Stop</i>	
<i>Responsibility</i>	<i>Collaboration</i>
- <i>Stops the playing media at initial time</i>	- <i>MediaPlayer</i> - <i>Controller</i>