

<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 title of the 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>Repeat</i> - <i>Exit</i> - <i>Speed</i> - <i>Info</i> - <i>Replay</i> - <i>Volume</i> - <i>ForwardBackward</i> - <i>ResetTime</i> - <i>JumpTime</i> - <i>Help</i> - <i>OpenMedia</i> - <i>Media</i>

<i>Help</i>	
<i>Responsibility</i>	<i>Collaboration</i>

<ul style="list-style-type: none"> - Gives information of working of the player - Gives info of the media playing - Has an about section which will tell about the contributors of the player 	<ul style="list-style-type: none"> - info
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<i>OpenMedia</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"> - Media - Exit

<i>Media(inbuilt class)</i>	
<i>Responsibility</i>	<i>Collaboration</i>
<ul style="list-style-type: none"> - Opened the media in the player 	<ul style="list-style-type: none"> - PlayPause - Repeat - Exit - Speed - Info - Replay - Volume - ForwardBackward - ResetTime - JumpTime

<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"> - Media

<i>Repeat</i>	
<i>Responsibility</i>	<i>Collaboration</i>

<ul style="list-style-type: none"> - <i>After the media ends, it is repeated from start</i> - <i>It sets the repeat to true</i> 	<ul style="list-style-type: none"> - <i>Media</i>
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<i>Exit</i>	
<i>Responsibility</i>	<i>Collaboration</i>
<ul style="list-style-type: none"> - <i>Closes the media and exit from the media window</i> 	

<i>Speed</i>	
<i>Responsibility</i>	<i>Collaboration</i>
<ul style="list-style-type: none"> - <i>Changes the speed of media according to the passed parameter</i> 	<ul style="list-style-type: none"> - <i>Media</i>

<i>Info</i>	
<i>Responsibility</i>	<i>Collaboration</i>
<ul style="list-style-type: none"> - <i>Gives the information of the media playing in the player</i> 	<ul style="list-style-type: none"> - <i>Media</i>

<i>Replay</i>	
<i>Responsibility</i>	<i>Collaboration</i>
<ul style="list-style-type: none"> - <i>Plays media from start</i> 	<ul style="list-style-type: none"> - <i>Media</i> - <i>ResetTime</i> - <i>JumpTime</i>

<i>Volume</i>	
<i>Responsibility</i>	<i>Collaboration</i>

- <i>Changes the volume of media according to the passed parameter</i>	- <i>Media</i>
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- *JumpTime*

<i>ForwardBackward</i>	
<i>Responsibility</i>	<i>Collaboration</i>
- <i>Skips the media forwards or backwards according to the passed parameter.</i>	- <i>Media</i>

<i>ResetTime</i>	
<i>Responsibility</i>	<i>Collaboration</i>
- <i>Formats the current media time to 0 and media plays from start</i>	- <i>Media</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>Media</i> - <i>PlayPause</i>