Design pattern I have considered about this application

Library: exoplayer: 2.7.3

Pseudo code:

Make new variables with given initial values:

flag = false

fastforward\_increment = 5000

rewind\_increment = 5000

startTime = 0

finalTime = 0

Set activity force to full screen state

Set video streaming-path within MediaSource

Start the video player

finalTime = total duration time of the video

startTime = current position time of the video

When player state changed:

If playback state in buffering mode:

Set progress bar view to Visible

Else if playback state in Ready mode:

Set progress bar view to Invisible

When the play button is clicked:

Start the video player

Set pause button is visible and play button is invisible

When the pause button is clicked:

Pause the video player

Set play button is visible and pause button is invisible

When the forward button is clicked:

If fastforward\_increment time is less than or equal to final time:

startTime = startTime + forwardTime

When the rewind button is clicked:

If rewind\_increment time is greater than zero:

startTime = startTime - rewind\_increment

When the full screen button is clicked:

If flag value is true:

Request for change screen to portrait mode and set flag value is ‘false’

Else:

Request for change screen to Landscape mode and set flag value is ‘true’