Use Case 28

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| Use Case ID: | 28 | | |
| Use Case Name: | Stream Video | | |
| Created By: | Emma Smith | Last Updated By: | Bennett Dierckman |
| Date Created: | 10/21/17 | Date Last Updated: | 10/23/17 |

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| Actors: | Media Streaming Service, Host |
| Description: | YouTube API enables media to be played on hosts device. |
| Trigger: | 1. The party playlist begins.  2. A new video begins after the prior video ends. |
| Preconditions: | 1. The party has begun. 2. Videos have been added to the party’s playlist. 3. The Hosts device’s application is active. |
| Postconditions: | The streaming video has ended. |
| Normal Flow: | **28.0 Stream Video**  1. System pulls information of the next upcoming song in party playlist queue.  2. System formulates query based on information.  3. System runs query through YouTube’s API.  4. Media Streaming Service allows access.  5. YouTube’s API sends information to the System.  6. System obtains streaming information.  7. System streams video. |
| Alternative Flows: | **28.2 Media Streaming Service Denies Access** (After Step 3)  1. Media Streaming Service denies access.  2. Media Streaming Service sends denial through YouTube’s API.  3. YouTube’s API notifies the System of denial of access.  4. Return to Step 1. |
| Exceptions: | NA |
| Includes: | Display YouTube Video, Send Media Request via API |
| Priority: | High |
| Frequency of Use: | Each time a video is being played within the party by the Host. |
| Business Rules: | None. |
| Special Requirements: | Only the Host can display or stream the video. |
| Assumptions: | Majority of video will not be denied access. |
| Notes and Issues: |  |