

USER MANUAL

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CastOffline is an Android App to stream local phone media (photos,videos and audios) to a Chromecast.

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Link for repository: <https://github.com/danna123/CastOffline>

License terms are specified in the License file <https://github.com/danna123/CastOffline/blob/master/LICENSE>

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CastOffline is a cast app that collects all the audio,video and images in the phone memory and displays in the list form. The user can select the media of his choice from this list and cast it to the Chromecast connected display using the cast button available.

Features:

1. Easy navigation slide menu used to traverse between activities.
2. Audio list and video list is sorted in the alphabetical order and mediart is displayed if the corresponding media item has one in the phone memory.

3. Photos are sorted in the descending order of date and hence the most recent one will be in the top of the grid list. The user need not scroll down the list to find the recently taken photos.
4. The user selected media to cast on a display has the media title and artist details displayed on the screen.
5. Video and Audio control feature - Only play and pause can be controlled by the user right now.

Main Screen

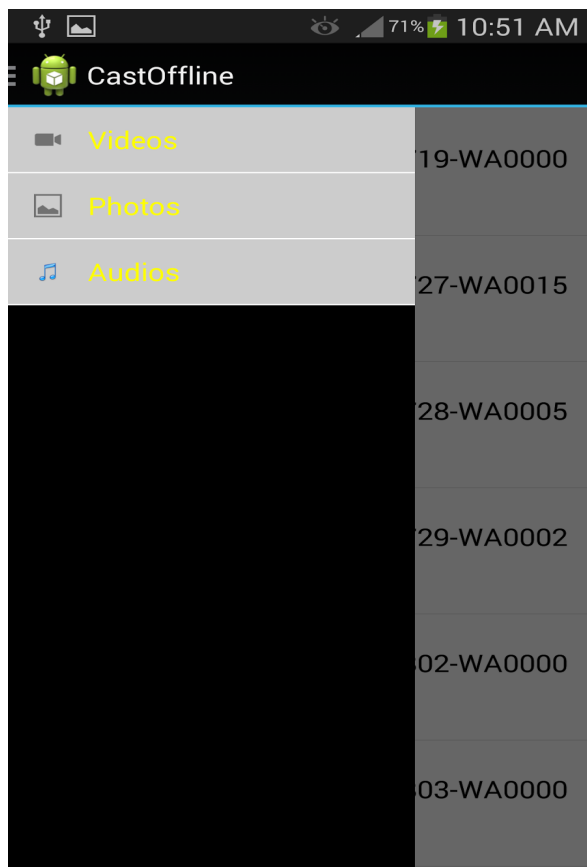
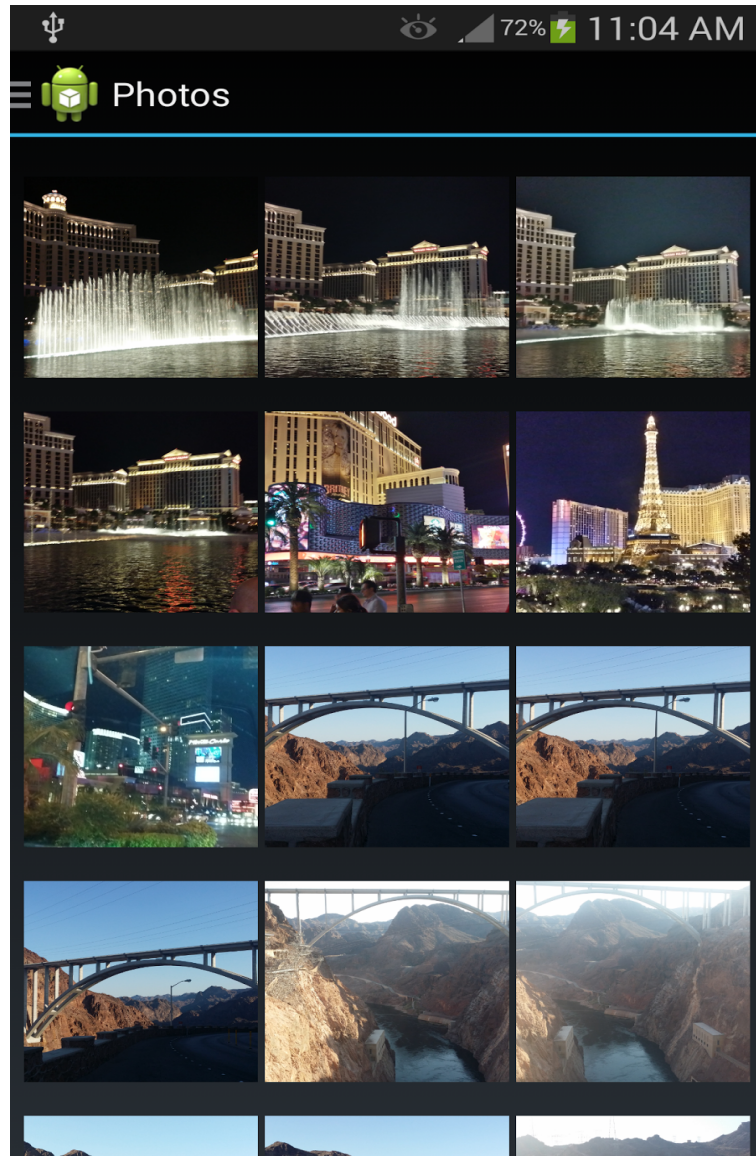








Photo Grid Screen:






Video List Screen:

(Unknown is shown as none of the videos has its artist name in meta data)


Videos	
	Football <unknown>
	VID-20140719-WA0000 <unknown>
	VID-20140727-WA0015 <unknown>
	VID-20140728-WA0005 <unknown>
	VID-20140729-WA0002 <unknown>
	VID-20140802-WA0000 <unknown>

AUDIO LIST SCREEN


 Audios




Hangouts video call
2131624041




In The Air Tonight edited
<unknown>




Over the horizon
Samsung




Sound clip 07
<unknown>



That's Where It Is
Carrie Underwood

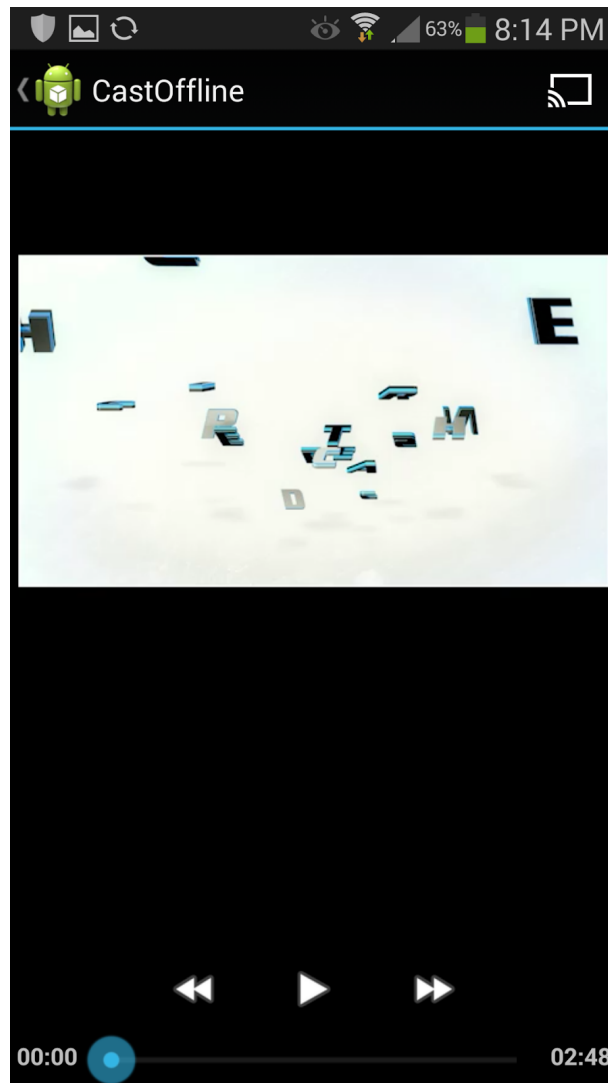


Voice 001
<unknown>



Screen with Cast Button

(This screen is shown when user selects the media item to cast)



Above cast button at the top right corner is used to cast media to Chromecast. User is asked to select among the Chromecast devices available in the network range. The selected chromecast device and the android device should be in the same network. Since the receiver files are hosted using google drive, internet connection is required for the display to work. (This is for the users planning to use the .apk file provided in this project)

Casting Directions:

1. User has to press play button to initiate the video and audio.
2. Launching timeout is 30 sec, loading time out is 50 sec, paused time out 30 sec,done (when video and audio is complete) timeout is 30sec and idle timeout is 30sec.
3. For disconnecting, press the cast button and user will be prompted with a message for disconnect.
4. Volume can be controlled by clicking on the cast button. Upon clicking, a volume bar will be shown.