

Column1	Column2	Column3	Column4
Functionality Behavior	Use Case	Expected	Comment
Positive TestCases			
Pre-roll ad insertion	User selects pre-roll mode on the HomeActivity	The ad video plays first; once it finishes (or fails), the main video starts from the beginning	
Mid-roll ad insertion	User selects mid-roll mode and the main video plays for at least 30 seconds	At the 30-second mark, the main video pauses, an ad plays, and upon ad completion, the main video resumes from the paused position	
Repeated mid-roll ad insertion	User selects mid-roll mode with a main video longer than 60 seconds	Ads are inserted every 30 seconds (e.g., at 30 sec, 60 sec, etc.), and each ad playback correctly resumes the main video	
Post-roll ad insertion	User selects post-roll mode	The main video plays completely; once finished, the ad video plays	
Negative TestCases			
Main content error handling	The main video fails to load (e.g., invalid URL or network issues)	The app displays an error message to the user, logs the error, and does not proceed with playback	
Main video URL retrieval and playback	The VideoRepository.getMainVideoUrl() returns an empty string or a malformed URL	The main player fails to load the media item. The main error listener triggers, logging the error and displaying an appropriate error message to the user.	