

YouPlay

v1.0 Documentation



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1.0 Getting started

1.1 Introduction

YouPlay application was created as a part of CroApps Workshop assignment from company SedamIT. Although this assignment was meant to be built by the teams of three people, only one person was included in making YouPlay because other two members had to resign due to lack of free time.

1.2 Resources

All available resources for the application can be found at [github](#). Apk file necessary for installation can be found at application-build folder.

2.0 User Interface

2.1 Starting screen

After starting the application the user is presented with screen as seen in Figure 1. Listed videos are suggested videos based on popularity.

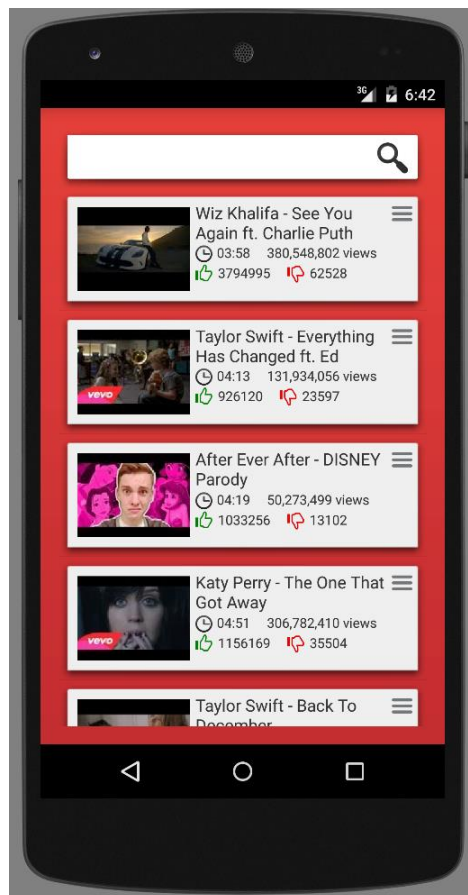


Figure 1. Application UI

2.2 Searching for videos

To search for videos the user clicks on the text box at the top of the screen and inputs query. While typing user can also select one of the suggestions given by the application in drop down menu. The results are being extracted from *suggestqueries.google.com* and are based on YouTube search popularity. To begin search user can click on one of three places labeled in Figure 2. as A, B, C. A and B will trigger search based on content of text box while C will use content of clicked item in drop down menu.

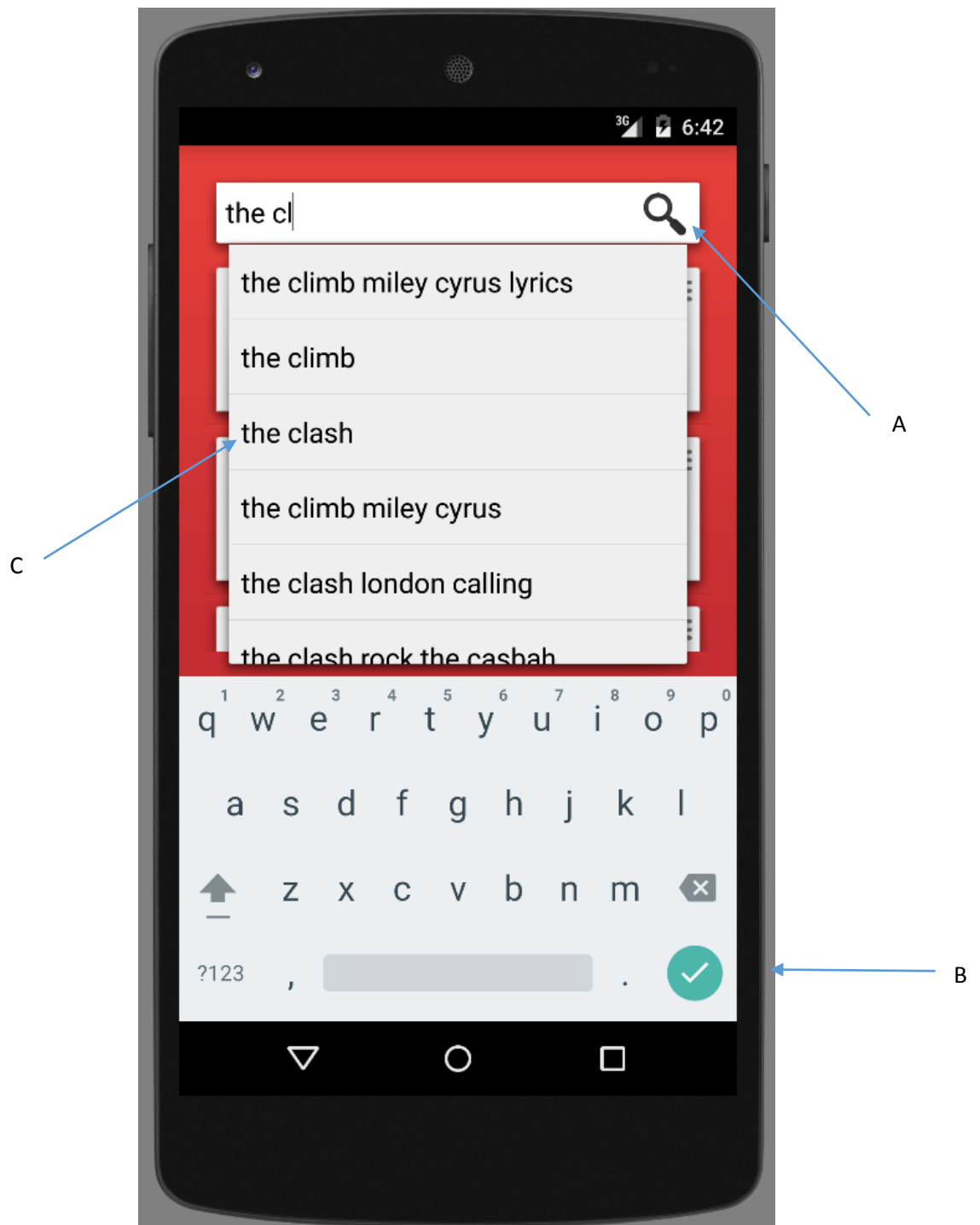


Figure 2. Entering query

2.3 Search results

Search results are presented as a list containing basic information about video (title, duration, total views, likes and dislikes) as seen in Figure 3. To play video the user must click anywhere in the box filled with information about video, or click on the button in upper right hand corner of box labeled as A in Figure 3. By default 15 videos are being shown and when users scrolls to the bottom of list new 15 videos will be listed automatically!

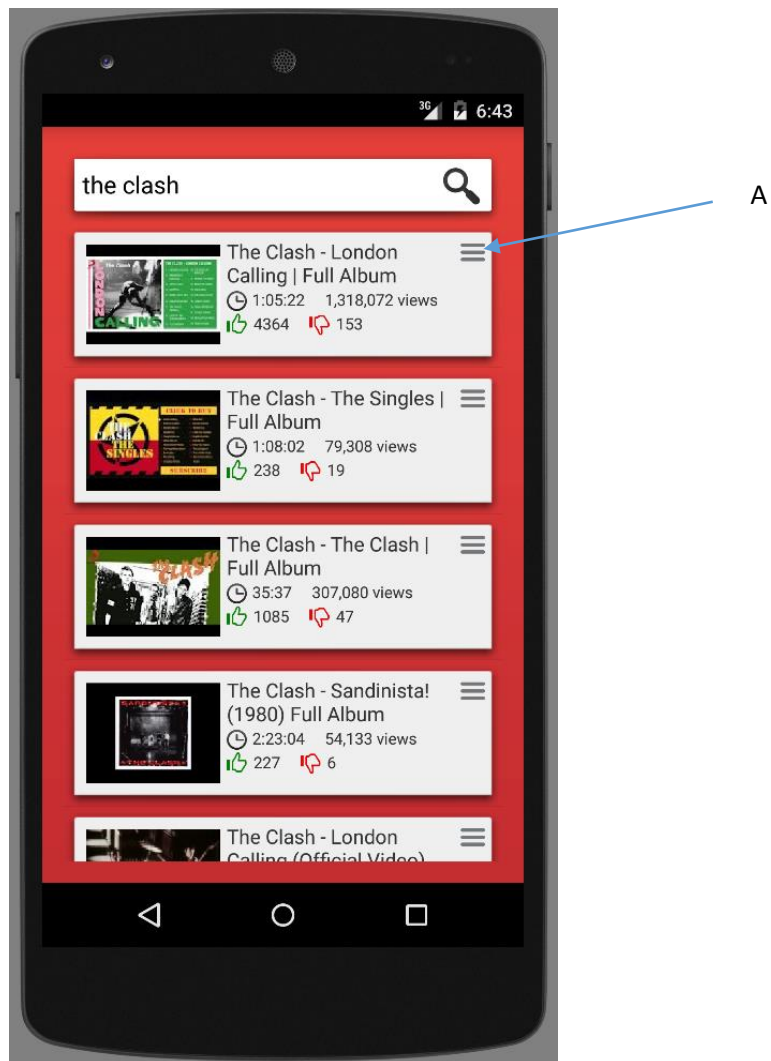


Figure 3. List of search results

If user clicks on button labeled as A the popup screen will appear in which user can choose starting point for video. In the example shown in Figure 4. video will start from 12th second.

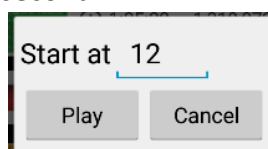


Figure 4. Popup

2.4 Video player

When user selects video, the screen shows up as seen in Figure 5. In the upper part of screen video is being played while in the lower part of screen a list of suggested videos related to playing video is shown. Functionality and behavior of list is same as in Starting screen. Beneath the video user can find several buttons labeled (*Stop*, *MoveBack*, *Pause/Play*, *MoveForward*, *JumpTo*) and text box labeled *TimeInput* to control video. By clicking *Stop* button user will return to the Search results at the location where he left. *MoveBack* and *MoveForward* buttons are used to skip parts of video. If *TimeInput* is empty by pressing *MoveForward* the video will jump 10 seconds forward from current position. If *TimeInput* contains number n representing time in seconds, the video will jump n seconds forwards or backwards. In given example the video will jump 20 seconds forward from current position. *Pause/Play* button is used to pause and play video if *TimeInput* is empty! If video is already playing *Pause* button will be shown and when user pauses video *Play* button will be shown instead of *Pause*. In case when *TimeInput* is not empty pressing *Pause/Play* button will do the following. If video is playing and *Pause* button is being shown and user inputs number n in *TimeInput* representing time in seconds video will pause for n seconds and resume after n seconds has passed. In given example video will pause for 20 seconds and then resume. Same case with play, video will be played for n seconds and then paused. Current operation (for example pausing video for 20 seconds) can be cancelled by pressing *Pause/Play* button again (the video will resume and countdown will be cancelled). Last button is *JumpTo* and it is being used to jump to particular part of video. If *TimeInput* is empty the video will jump to the beginning and if *TimeInput* contains number n representing time in seconds video will jump to n -th second from the beginning. In given example video will be played from 20th second.

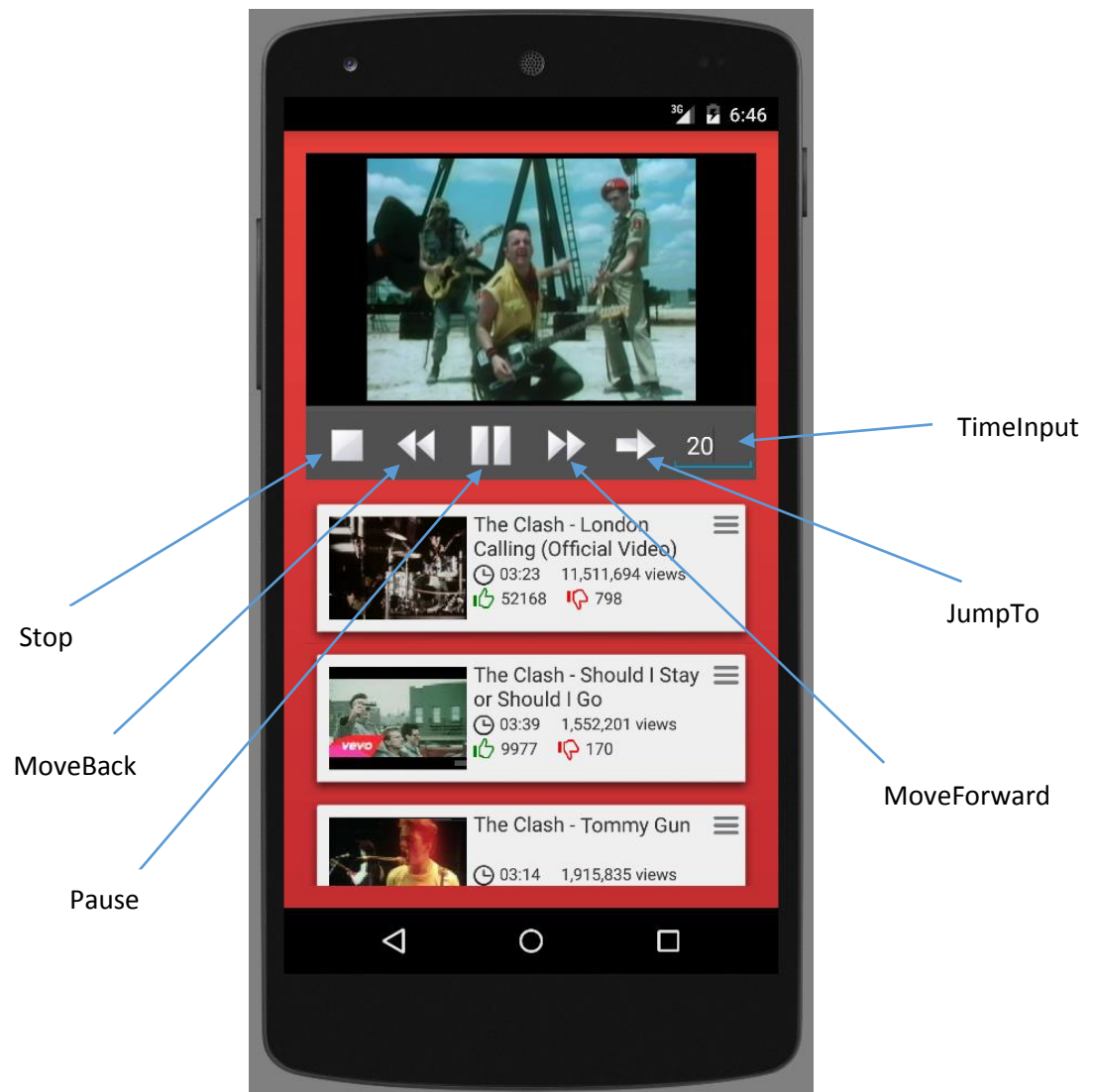


Figure 5. Video player