# Summify

User Manual

| Project Title: |
| --- |
| Summify |
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## 1. Abstract

This document aims to provide a detailed guide on how to operate the Summify web application. It will highlight each aspect of the application both graphically and through text to produce an in-depth walkthrough of its functionality.

## 2. System Overview

The Summify web application is a single-page web application (SPA) which allows any user to generate a summarised version of the transcript of YouTube videos that have a transcript publicly available. The application also displays Wikipedia links to pages related to the video which the user can use for further research. The application has a minimalistic interface, giving the user only simple instructions and a text input field for the YouTube video URL. The input field prompts the user for a YouTube link, and the page displays various error messages if the user does not input a valid link. The application also has a link to view a development blog outlining the development process.

## 3. Dependencies

Assuming that the user has access to a working electronic device capable of internet connection, the main requirements for the SPA are as follows:

- A viable internet connection
- A modern web browser
- Access to YouTube/YouTube video URL

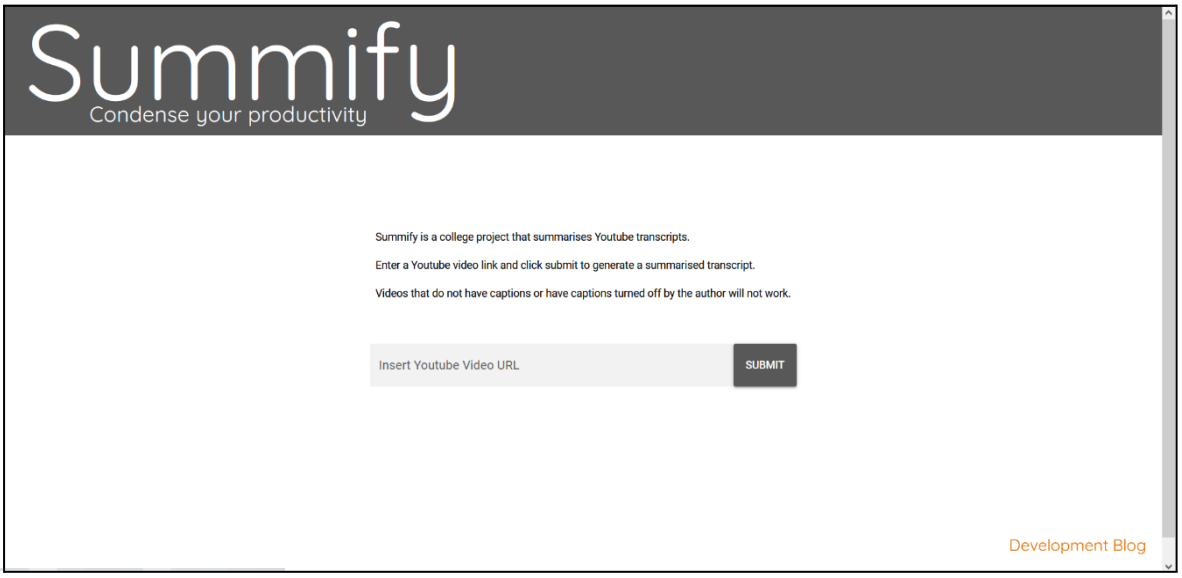
## 4. Installation

There are no installations required for a user to access Summify. The user needs only to visit the domain on a web browser of their choice.

# 5. User Functionality

## 5.1 The Home Page

When the user visits the homepage, they will see a screen with simple instructions and a text input field. The input field is for a video URL, where the user can enter a link to a YouTube video. There is also a link at the bottom right of the page which leads to the development blog page, where the user can read about the overall development process.




## 5.2 Entering YouTube URL

If the user enters a URL of a video that does not have a transcript available or has a transcript too large for the application to process, a message will appear explaining why the application was not able to complete the request.

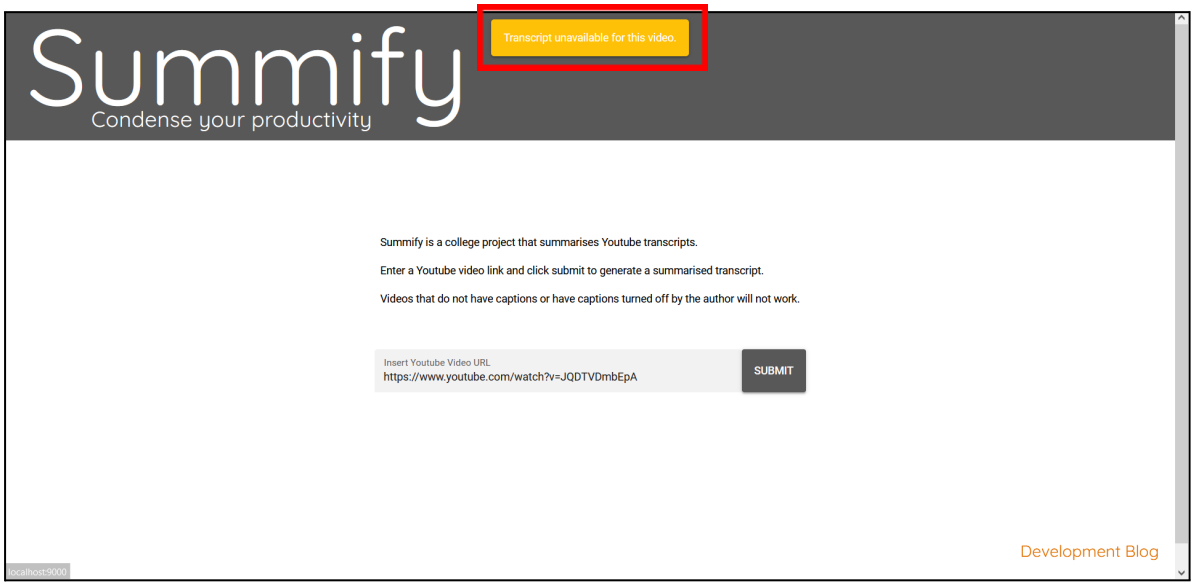



*Figure 2 Transcript unavailable error message*

If the user enters a valid URL, the application will enter a loading state to let the user know the request is being processed. A loading spinner will appear in the centre of the screen as well as a loading bar at the bottom to indicate the progress of the summary generation.

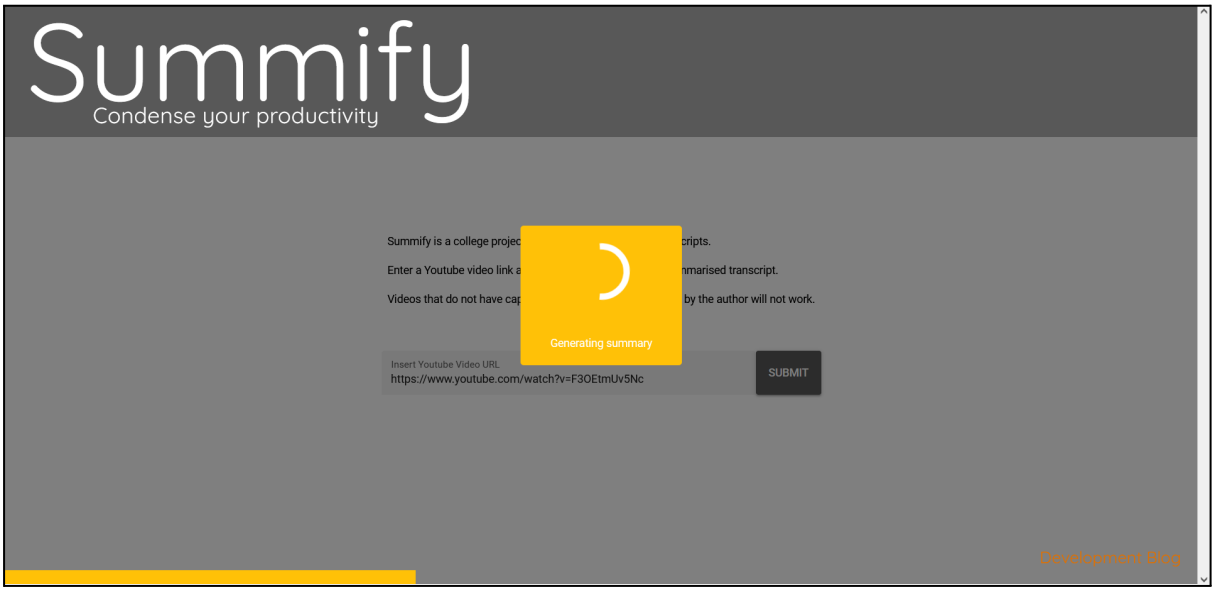



*Figure 3 Generating summary loading state*

## 5.3 Using the Summaries and Related Links

Once the request completes, an overall summary will be displayed along with segmented summaries which go into more detail about each 5-minute segment of the video. The video will also be embedded on the left-hand side of the screen for the user to not need to switch to a different tab and be able to watch/listen while they read the summaries. Under the embedded video, links to related topics will also be displayed. These are Wikipedia links to topics related to the video, and when clicked they will open a new tab.

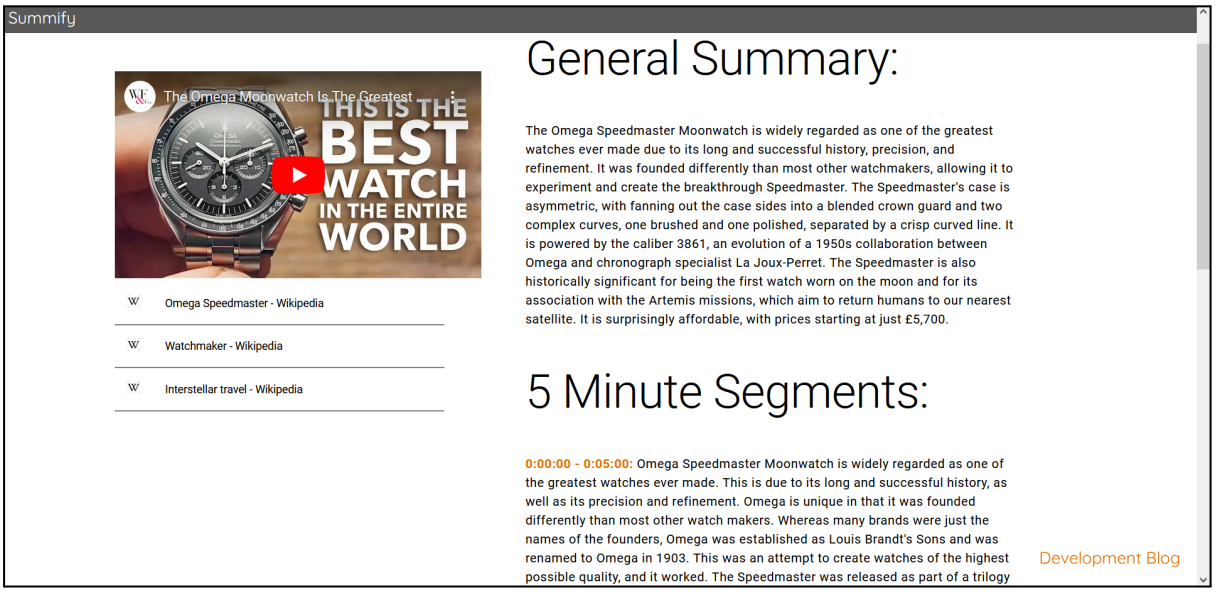



*Figure 4 Summaries and links displayed*

### 5.3.1 Related Links

The user can click on the links displayed under the video embed which will open a new tab. The original Summify tab will stay open.



*Figure 5 Clicking link*

### 5.3.2 Summaries

The user will have a summary for each 5 minute segment of the video which they can select and copy if they want to paste the text into an editor or for any other use they might have

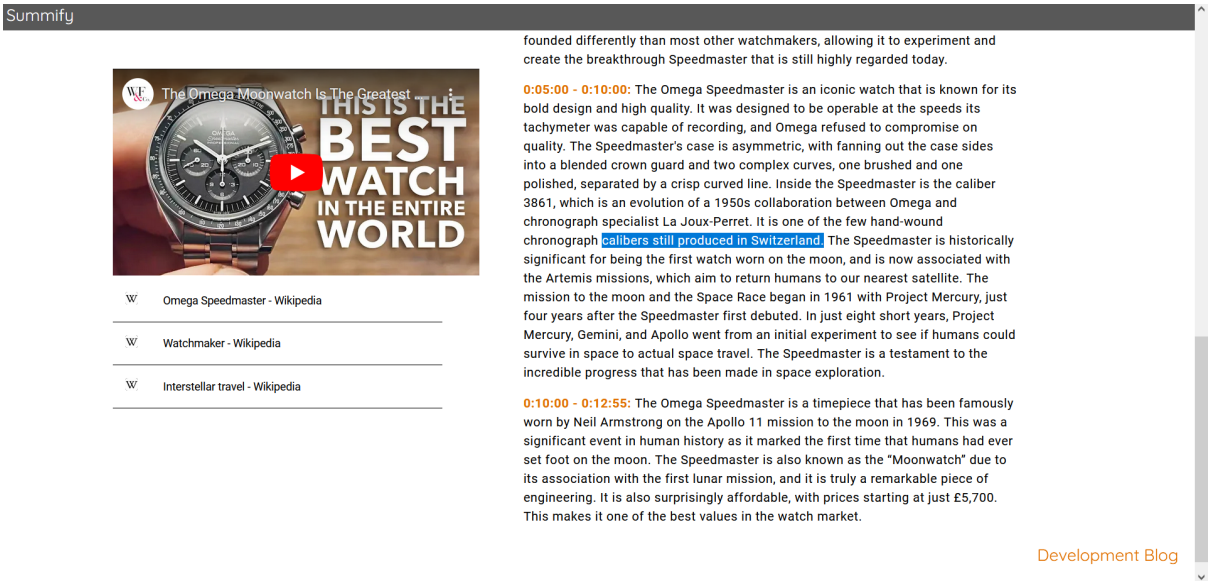



*Figure 6 Highlighting summary text*

## 5.4 Development Blog

There is a link at the bottom right of the page for the user to click which will bring them to the development blog where they can read about the development of the app.

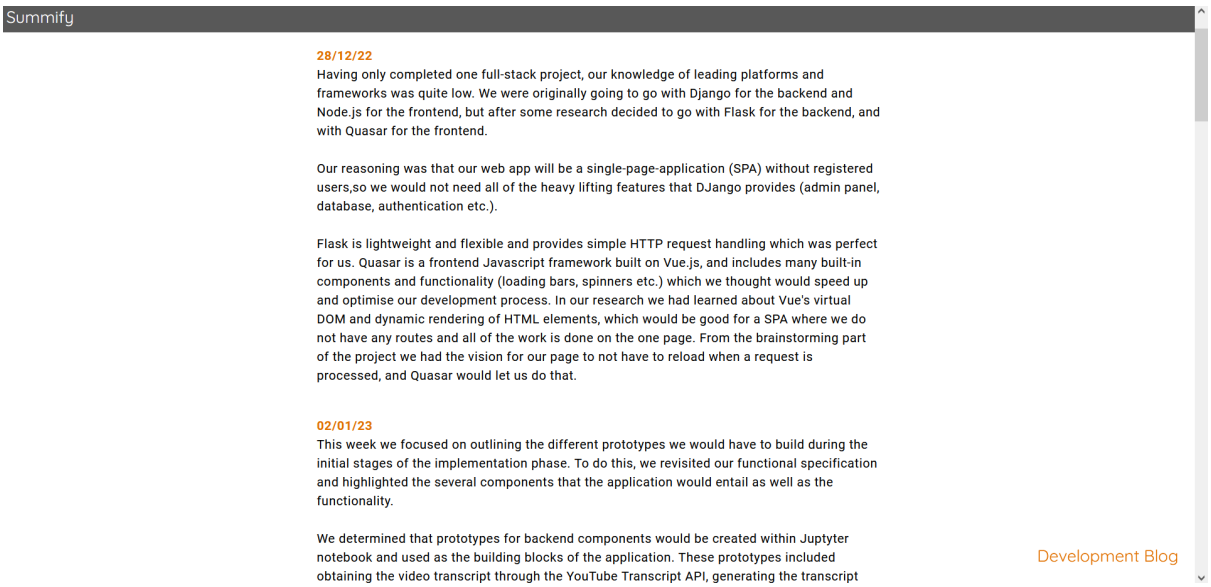



*Figure 7 Summify development blog page*