

## Elevator Pitch

- Question: As a Google user, do you want a simple but efficient way to create videos?
- Empathize: Everyone starts off as a beginner...
- Pivot: So it's important to have all the basic but necessary tools to start creating videos...
- Add Value: With plenty of visual effects and an intuitive UI.

## Features:

- Basic:
  - Preview
  - Timeline
- Other (recommended):
  - VFX
  - Audio effects/filters
  - Pan/crop tool
- Other (optional):
  - Track motion tool
  - Mask tool

## User persona

- Goal: The main goal of this product is to provide users with a basic and easy-to-learn experience with a high potential for creativity and professionalism.
- Motivations
  - Simple and easy-to-learn interface
  - Most important tools for high creativity and professionalism
- Frustrations
  - Disorganized navigation
  - Needs to remember tips and tricks

## Use cases

Use Case 1	Upload file
Actors	User
Pre-conditions	Program must be open
Flow on control	<div>Click Import<ul style="list-style-type: none"><li>• Opens File Explorer</li><li>• Navigate to file user wants to import</li><li>• Click on file user wants to import<ul style="list-style-type: none"><li>◦ Double-click on file or click on Open button to import</li></ul></li></ul>OR Drag file into timeline</div>
Post-conditions	File appears on Library and saves data as project file
Error condition	<ul style="list-style-type: none"><li>• File extension is not valid</li><li>• File is too large</li></ul>
Non-functional requirements	File should be uploaded within 3 seconds

Use Case 2	Export project
Actors	User
Pre-conditions	<ul style="list-style-type: none"> <li>• Program must be open</li> <li>• Project must contain at least one video, image, and/or audio file in the timeline.</li> </ul>
Flow on control	<ul style="list-style-type: none"> <li>• User must click on Export</li> <li>• User must choose which file format to export as</li> <li>• User can choose location in File Explorer to export file <ul style="list-style-type: none"> <li>◦ Automatically set to Documents</li> </ul> </li> <li>• User can change the name of file to export as <ul style="list-style-type: none"> <li>◦ If duplicate names occur, program asks user to either replace files or keep both.</li> </ul> </li> </ul>
Post-conditions	File is exported to the set location in File Explorer
Error condition	File name is required
Non-functional requirements	Export bitrate must be at least 2 Mbps

Use Case 3	Use Timeline
Actors	User
Pre-conditions	Program must be open
Flow on control	<ul style="list-style-type: none"> <li>• User can, if they haven't uploaded their files on the Timeline already, can move files from Library to Timeline by double-clicking the file or by dragging it from Library to Timeline</li> <li>• User can trim videos by dragging the ends of each clip to make it longer or shorter <ul style="list-style-type: none"> <li>◦ For audio and video, clip length stops at the end of the file runtime.</li> <li>◦ For images, length does not matter.</li> <li>◦ For making clips shorter, the</li> </ul> </li> </ul>

	minimum length is one frame. <ul style="list-style-type: none"> <li>• Timeline contains tracks.             <ul style="list-style-type: none"> <li>◦ User can add or remove tracks (either video or audio)</li> </ul> </li> <li>• Add markers</li> </ul>
Post-conditions	Project is updated accordingly
Error condition	N/A
Non-functional requirements	Timeline must automatically occupy the bottom half of the workspace.

Use Case 4	Use Preview
Actors	User
Pre-conditions	<ul style="list-style-type: none"> <li>• Program must be open</li> <li>• Timeline must include at least one clip (video, image, audio)</li> </ul>
Flow on control	Buttons <ul style="list-style-type: none"> <li>• Play/Pause (K)</li> <li>• Forward/Rewind (J/L)             <ul style="list-style-type: none"> <li>◦ Click again to go faster (up to 4 times)</li> </ul> </li> <li>• Next/Previous frame (Right arrow/Left arrow)</li> <li>• Skip to beginning/end (Down arrow/Up arrow)</li> <li>• Stop (Space)</li> </ul>
Post-conditions	Video preview shows output
Error condition	There is no clip in Timeline.
Non-functional requirements	Change preview resolution

#### Non-Goals

- Program currently only available to Windows users
- Support for English users only
- People looking to pay for an editing app

#### UI/UX

- Wireframe most likely
- Visualization of video editing app with tool open
  - Skeletal wireframe showing features, tools, example editing

- (Figma?)