Video Editors

Greetings Video Editors,
I am a representative at Google looking for a group of software developers who are open to creating a simple yet intuitive video editing service to add to our Google Apps collection. As a result of the rise of video content and our partnership with YouTube, we heavily considered creating a free video editing service that allows our user base to create videos without resorting to expensive applications or complicated tools. Much like Google Docs and Slides, it will have significantly less technical facets than other more professional applications like Microsoft Word and Presentation, but our goal with this proposed video editing application is to create a more accessible tool for casual users and beginner video editors/filmmakers alike.

Software must be developed in C++.

Business requirements:
- Necessary features:
  - Account connection
    - The user must connect to an external account (e.g., Gmail, Yahoo) in order to receive notifications on edits, share directly to Drive, etc.
  - Multiple account compatibility
    - All video projects should be able to handle and manage third-party video accounts interacting with any project (viewing, editing, commenting, etc.)
  - Offline services
    - The user should be able to have the ability to work offline by dedicating files space for their projects.
- Other features:
  - Save states
    - The user must be able to access the history of the projects' edits for revision purposes.

Software Requirements:
- Desktop application
  - User should be able to download a .exe file to install the software on their computer
  - Have windows and linux compatibility
- User Interface
  - Clean user interface that does not overwhelm the user regardless of experience
- Importing / exporting files
  - Files imported/exported should support a variety of file types such as mp4, asf, avi, etc
- Timeline
  - Multiple tracks to allow users to splice multiple layers of effects into their videos
- Special effects
  - Have a variety of effects available to the user in a library

Hardware requirements:
- Data storage
  - At least 256 GB hard drive
- RAM
  - 4 GB of available ram
  - Recommended 8 GB ram
- Graphics card
  - Nvidia 450 gts series or equivalent minimum
  - Recommended 1050 nvidia gtx or equivalent
- processor
  - Intel core i3 processor or equivalent minimum
  - Recommended intel core i7 processor

Support:
- Maintenance on the app after updates to platforms available to it
- Introduce quality of life features that users request

Timeline:

Since we're commissioning a beginner's tool, we will expect the finished product to complete by the end of 2022. If you have any other ideas about updates and bug fixes, let us know. We understand if this is your first time developing software like this, so please do not hesitate to communicate to us about needing a little bit more time. We are not looking for complexity, only simple and intuitive.

Thank you,

Google Team