

A decorative graphic on the left side of the slide. It consists of a blue parallelogram and a light green parallelogram, both tilted at an angle. The blue shape is in the foreground, and the green shape is partially behind it. They are set against a dark blue background with subtle diagonal lines.

# Offline Video Editing



# Functional Requirements

## Initial

- Application can be used natively on:
  - Windows
  - Mac
  - Android
  - iOS
- Can add telestrations to videos, which are saved
- Can add voice over to videos
- Can clip a video
- Can add slides to a video (slides are like full screen text overlays)
- Can add polls to a video

## Final Status

- Application can be used natively on:
  - Windows
  - Android
- Can clip a video



# Functional Requirements

## Initial

- Can clear telestrations from a videos
- User can upload a video from the native application to the online application
- Users can authenticate to the Zoom account via native application
- Users can download and install a
  - Windows application
  - MacOS application
  - Android application
  - iOS application
- Users can add additional information about the video

## Final Status

- User can upload a video from the native application to the online application
- Users can authenticate to the Zoom account via native application
- Users can download and install a
  - Windows application
  - Android application
- Users can add additional information about the video



# Functional Requirements

## Initial

- Users can pick from pre-selected information instead of open ended text boxes.
- Users can create tags to apply to videos
- Users can search by tags to find relevant videos
- Users can modify tags on videos.

## Final Status

- Users can pick from pre-selected information instead of open ended text boxes.



# Non-Functional Requirements

## Initial

- Faster upload time for videos
- Save a screenshot from current position in the video including any annotation on screen
- Stopwatch feature
- Video Volume control (YouTube like)
- Any video clips that are uploaded together from a single video will be uploaded in a playlist
- Product needs to be compliant with the Zoom App visual style guides.
- Video format will be exportable for use outside of Zoom offline app

## Final Status

- Faster upload time for videos
- Video Volume control (YouTube like)
- Any video clips that are uploaded together from a single video will be uploaded in a playlist
- Product needs to be compliant with the Zoom App visual style guides.



# Final Client Meeting

- Scheduled for Wednesday @ 11am



# Transfer

- Already used many of the client's services
  - Freedcamp for project management
  - Azure DevOps for code repository
  - Microsoft App Center for analytics tracking
- Copied the documentation related markdown files to primary code repository
- Updated Project management
- Explained thoroughly state of the project



# Successful Actions

- Division of work and collaboration
- Language was a good pick
- Decent functionality over what the client had with the ability to





# Unsuccessful Actions

- Underestimated key aspects of the project during planning and throughout the project
- Could've used project management and git branches better
- iOS and MacOS progress was stunted from lack of MacOS devices to develop from



# Missed Actions

- Should have used MVC or MVVM structure instead
- CI would have been nice quality of life for us and client
- Should have waited for .NET 6's MAUI instead of Xamarin



# Final Thoughts

- Overall content with the work we did and impressed at the final project