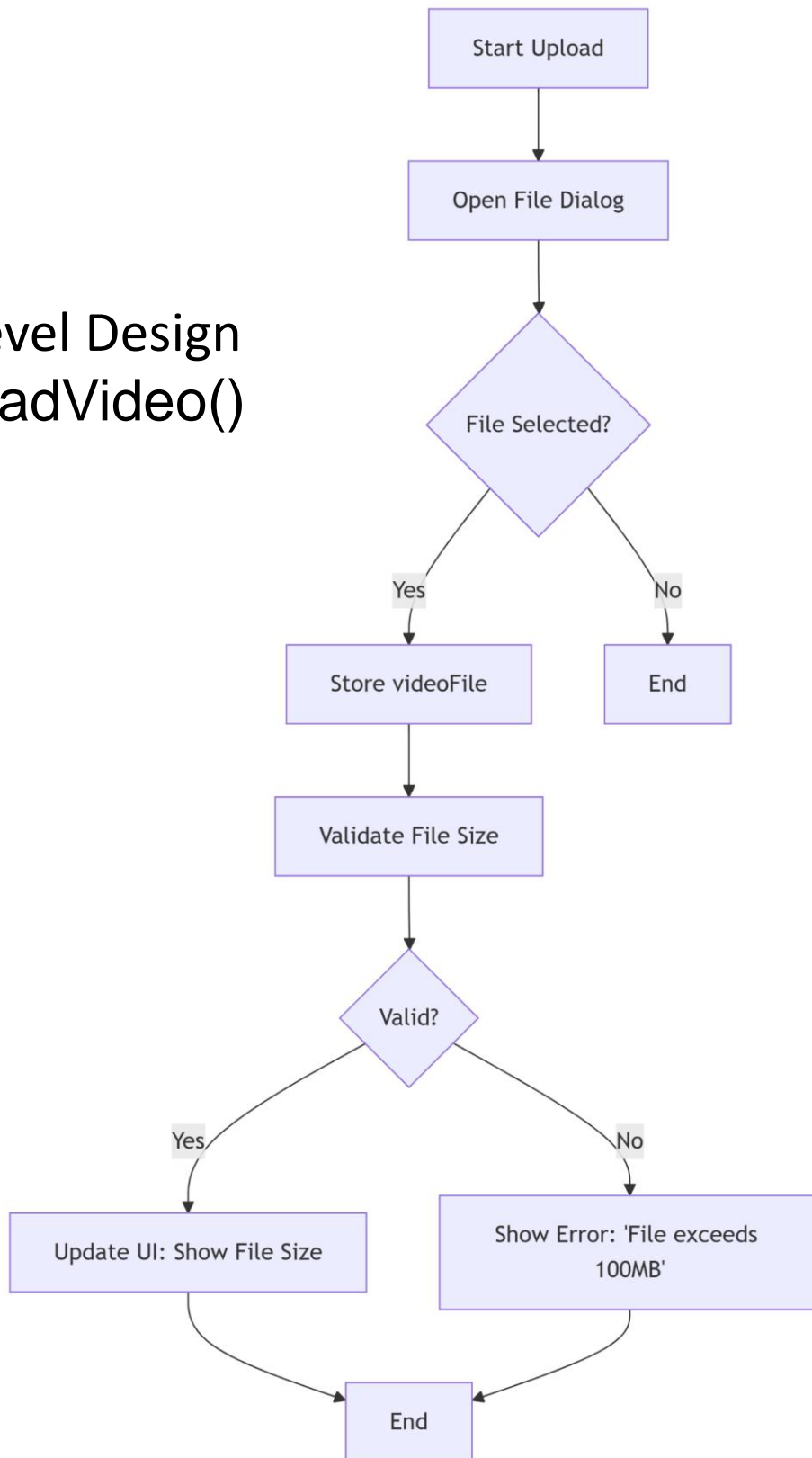# LH_ARCH_PUBLISHVIDEO

PublishVideo

- userId: String
- videoTitle: String
- maxFileSize: int = 100
- videoFile: File

+ uploadVideo()
+ validateFileSize() : : boolean
+ publishVideo()
+ cancelUpload()

Class Diagram
ID:LH-ARCH-PUBLISHVIDEO-CD

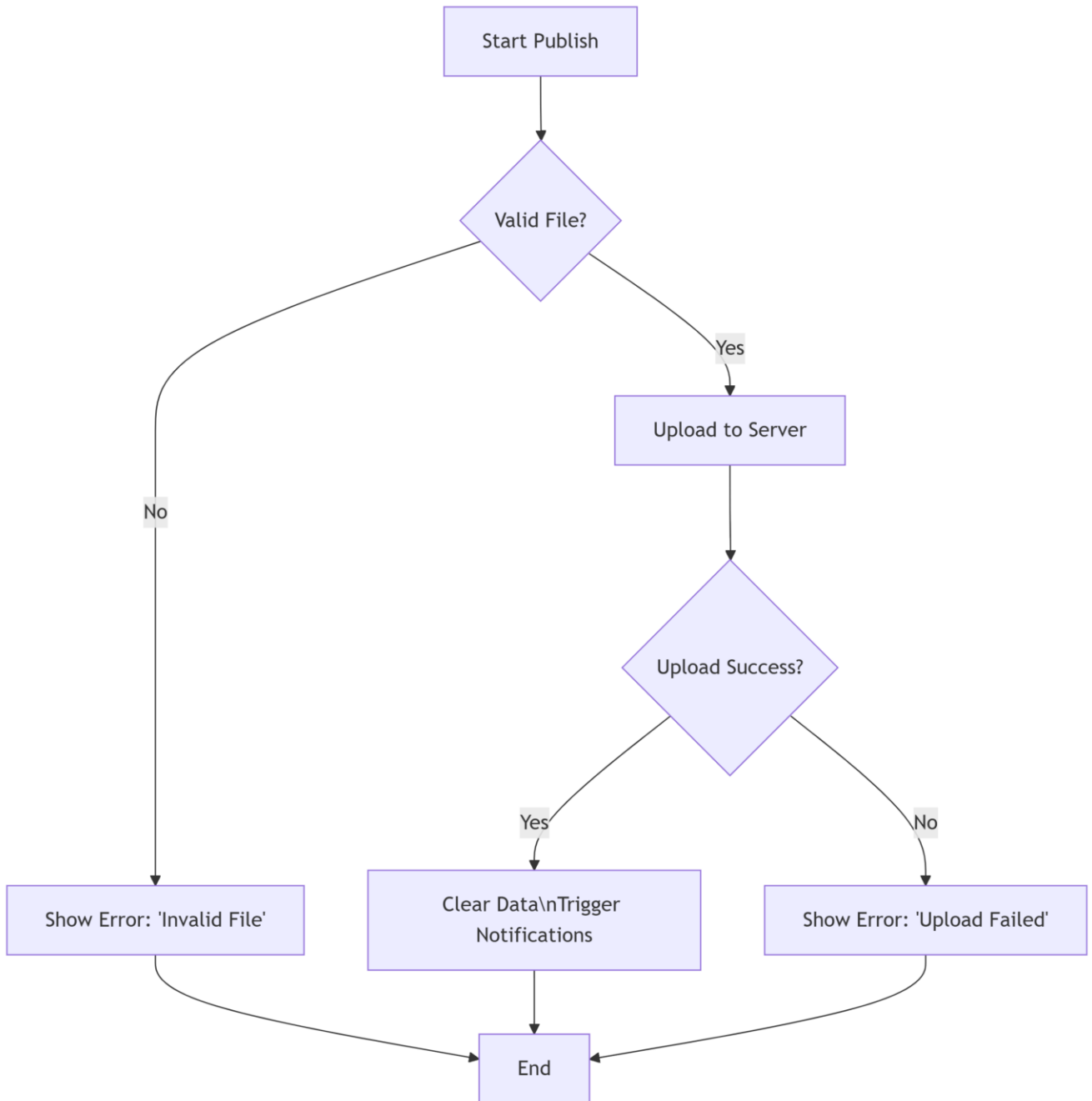# Low Level Design
+ uploadVideo()

Start Upload

Open File Dialog

File Selected?

Yes — Store videoFile

No — End

Validate File Size

Valid?

Yes — Update UI: Show File Size

No — Show Error: 'File exceeds 100MB'

End

ID:LH-ARCH-PUBLISHVIDEO-LLD

Low Level Design
+validateFileSize()

```mermaid
flowchart TD
    Start[Start Validation] --> Decision{File Size ≤ 100MB?}
    Decision -->|Yes| True[Return True]
    Decision -->|No| Error[Show Error Message]
    Error --> False[Return False]
    True --> End[End]
    False --> End[End]
```

Start Validation

File Size ≤ 100MB?

No

Yes

Show Error Message

Return True

Return False

End
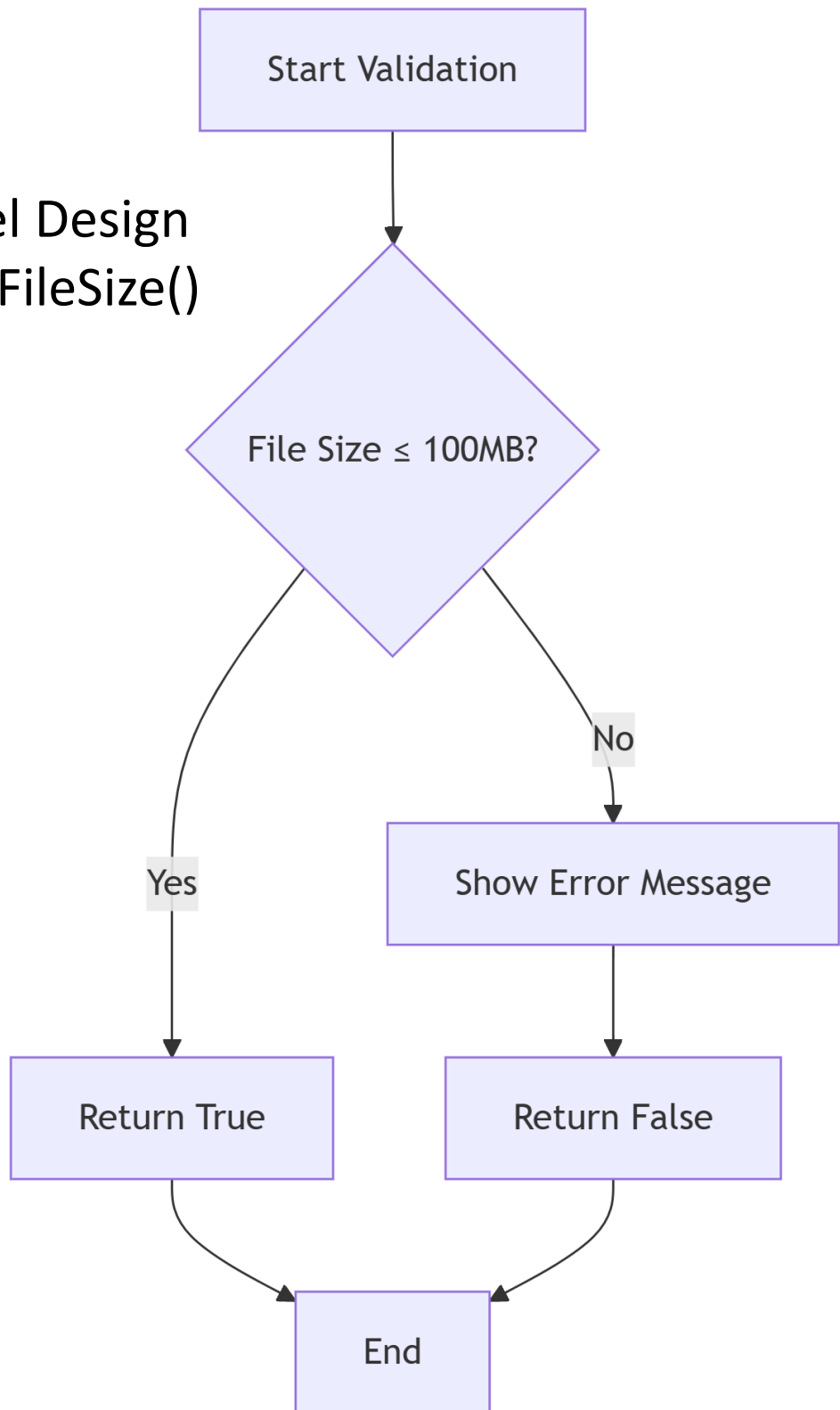
Low Level Design
+publishVideo()

Start Publish

Valid File?

No

Yes

Upload to Server

Upload Success?

Yes

No

Show Error: 'Invalid File'

Clear Data\nTrigger Notifications

Show Error: 'Upload Failed'

End

Low Level Design
+cancelUpload()

```
Start Cancel
    │
    ▼
File Exists?
  ├── Yes ──► Reset videoFile ──► Clear UI Inputs ──► End
  └── No ───► Skip Reset ──────────────────────────► End
```