Sequence Diagram for Querying List of Available Files

Client → **Server**: Query for list of available files

Server → **ClientHandler**: Request list of available files

ClientHandler → **Client**: Return list of available files
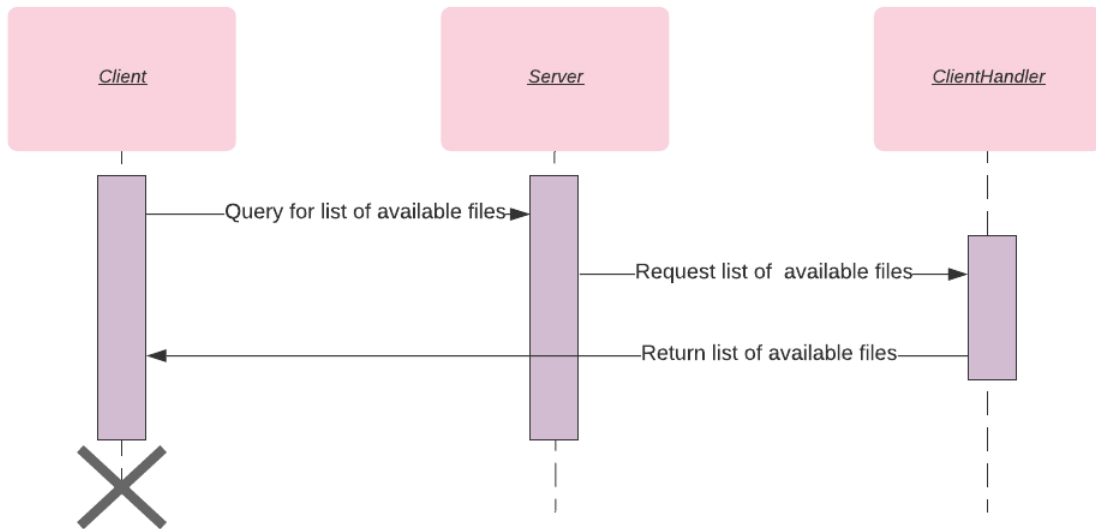
Sequence Diagram for Uploading File X

Client → **Server**: Request to upload file X

Server → **ClientHandler**: Upload file X

ClientHandler → **Client**: Query for file restrictions

Client ⇢ **ClientHandler**: Send restrictions

ClientHandler → **Client**: Send confirmation of file upload
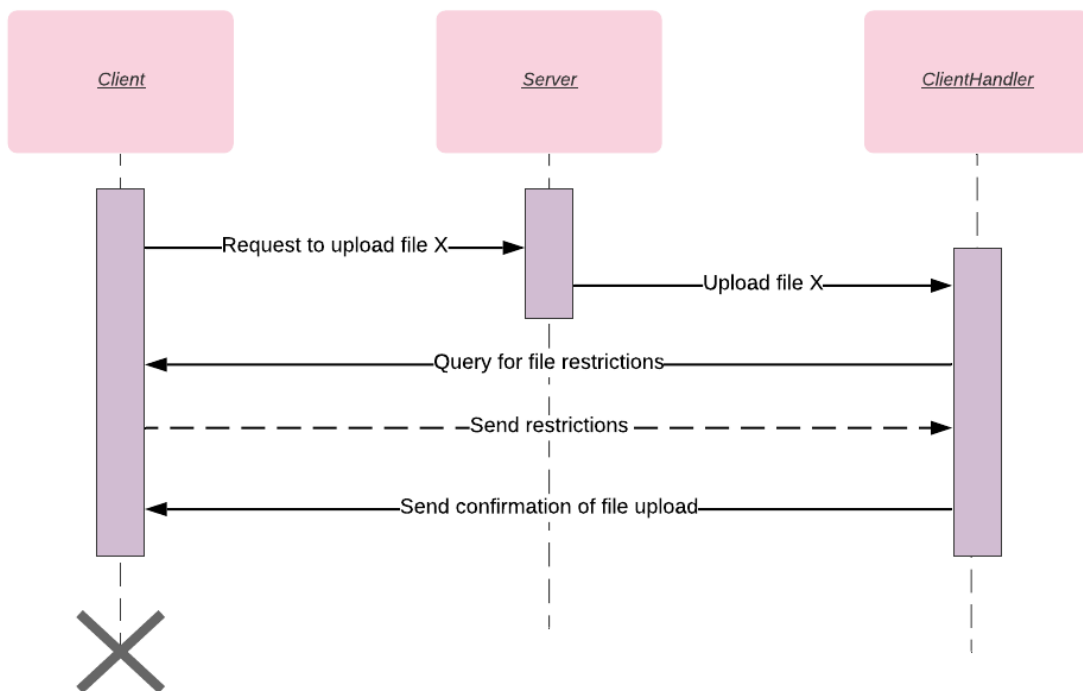
Sequence Diagram for Downloading File X

Client

Server

ClientHandler

Request to download file X

Verify file X is on server

Approve download request

Alternative

File is present on server

Alternative

Request approved

Send file X

[Else]

Send acces denied message

[Else]

Send 404 Not Found message