

# USER BROWSER

Frontend (React + Vite)

Upload  
Page

View  
Page

Success  
modal

API service layer  
(Axios HTTP client)

HTTP (REST API)  
JSON / MultiPart

CORS

Backend (Node.js + Express)

Routes layer

/upload  
(POST)

(content  
(GET)

(download  
(GET)

Multer  
(Files)

Validation

Errors  
Handler

middleware layer

upload  
Controller

Create content  
& download  
Controller

controllers layer

Utils layer  
— Link helper  
— Data Helper

models Layer  
— Database

Data Storage layer

SQLite Database

Tables:

- content
  - link\_id
  - Content\_type
  - text\_Content
  - file\_Path
  - Expire\_date
  - ---

filesystem  
(upload files)

(uploads)

— file1.jpg

— file2.pdf

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