

Topic:

1. API Layer
2. Database Schema
3. Application Layer

API Creation**1. Write Request:**

written content/ upload text content file and return back URL

method: post

request parameter :content, user_id, expiration_time

response: URL

2. Get Request:

URL response back to text content/file

method: get

response: text content

Database Schema

| User Table | |
|------------|----------------|
| PK | <u>user_id</u> |
| | name |
| | email |
| | contact |

| short_url | |
|-----------|-----------------|
| PK | <u>url_id</u> |
| | content_url |
| | expiration_time |
| | custom_url |
| | user_id |

