

Short URL Web App

- Written in GO lang to support concurrency
- Use Postgres database
- No backend management.
- All ShortURLs are created through API only.

List of APIs. JSON.

1. Create Customer – use to create customer account
 - Request data
 - Username (unique)
 - Email
 - Response data
 - Status: success or fail
 - On success return system generated password
2. Create ShortURL - Use to create ShortURL
3. Update Link - Use to update ShortURL information

List of APIs. JSON.

- 4. Disable link – use to disable link redirection of shortURL
- 5. Enable link – use to enable link redirect of shortURL
- 6. Disable customer – use to disable customer use of api

Frontend

- There is no UI on frontend but when user click on the shortURL system will redirect to destination url
- The shortURL will have option to turn on/off logging of click

Sample of shortURL

<http://x.xxx.x/yyy/zzzzz> -> app click if URL tracking option is enabled, if set then record click information to database -> redirect to destination link