Distributed links saver app

1 Web browser client

Send links and requests data

2 Gateway

6 Load Balancer

3 Web Server

4 Web Server

Serve image files

7 REST API   REST API

5 Pages screenshots

8 Links queue

10 Database

Get images metadata

Adds links to queue

Saves pages screenshots

Get next link

9 Links scrapper service   Links scrapper service

3 Static front-end assets

Saves links metadata

Fetch pages

11 Internet