

URL Shortening Application

Functional Requirements

A user can enter a URL and get the shortened version of it.

Technical Requirements

- Simple frontend that allows the user to input a URL and get the shortened version of it using a front-end framework (preferably React).
- Dockerized application that exposes required API (ideally, GraphQL)
- Implement a/b test 30/70 between external API (<https://dev.bitly.com/>) and your own algorithm implementation for the URL shortening
- Application should be covered with tests
- It should have clear guidelines on how to run it
- It should be published on GitHub or a similar platform

The rest of the implementation details are up to you.