



PROJECT PROGRESS REPORT
ON

URL SHORTENER

TOPIC

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Objective:

This project focus on making a URL shortener using world wide web techniques and providing additon protection to any URL.

WHAT IS URL SHORTENER?

OVERVIEW

A URL shortener is a Web site that will create a short Uniform Resource Locator (URL) or Web page address from a long one so that the short version, which is easier to remember and enter, can be used instead. For example, if you need to frequently enter a URL into e-mail messages or read it over the phone, a long URL is prone to mistyping or misunderstanding. By going to a free Web site service like TinyURL.com or notlong.com, you can swap your long URL for a short one. The URL shortening service will maintain the association between the two and will redirect anyone who enters the short URL to the page at the long URL.

INTRODUCTION

URL shortening is a technique in which a shortened URL or IP address is used to direct to the same page as the longer address.

Short URLs are preferable for a number of reasons:

- Shortening URLs has increased because of mobile messaging and social media websites, especially Twitter which has a 140-character constraint.
- Short URLs may be more convenient for websites or hard copy publications
- Short URLs are also useful when sharing an extremely long URL over instant messaging or in email where there is a chance the long link could be broken during message transmission.

Features Of URL SHORTENER

1

SHORT LINK

From this: <http://abc.com/e/b17ab777-ceb6-f7fd-8411-ca3a6cagc9d4/Flutter-Mocks-You-Me-and-OurMicroblogging/>

to this: <http://bit.ly/wPKks>

2

PASSWORD PROTECTED

you can able to protect your original url with password.

3

MONITOR CLICKS:

you can track number of clicks per each link".

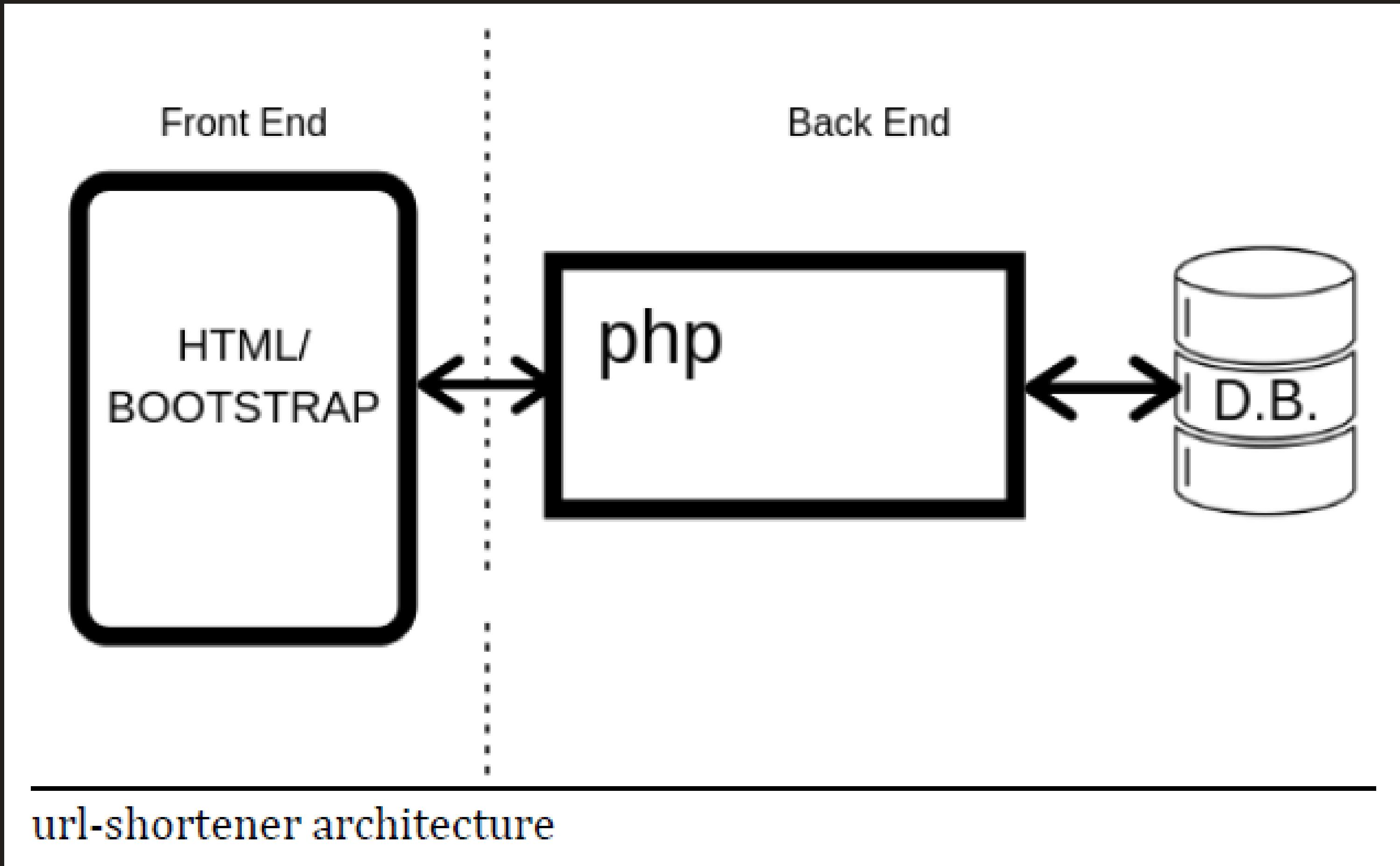
4

EASY TO MANAGE

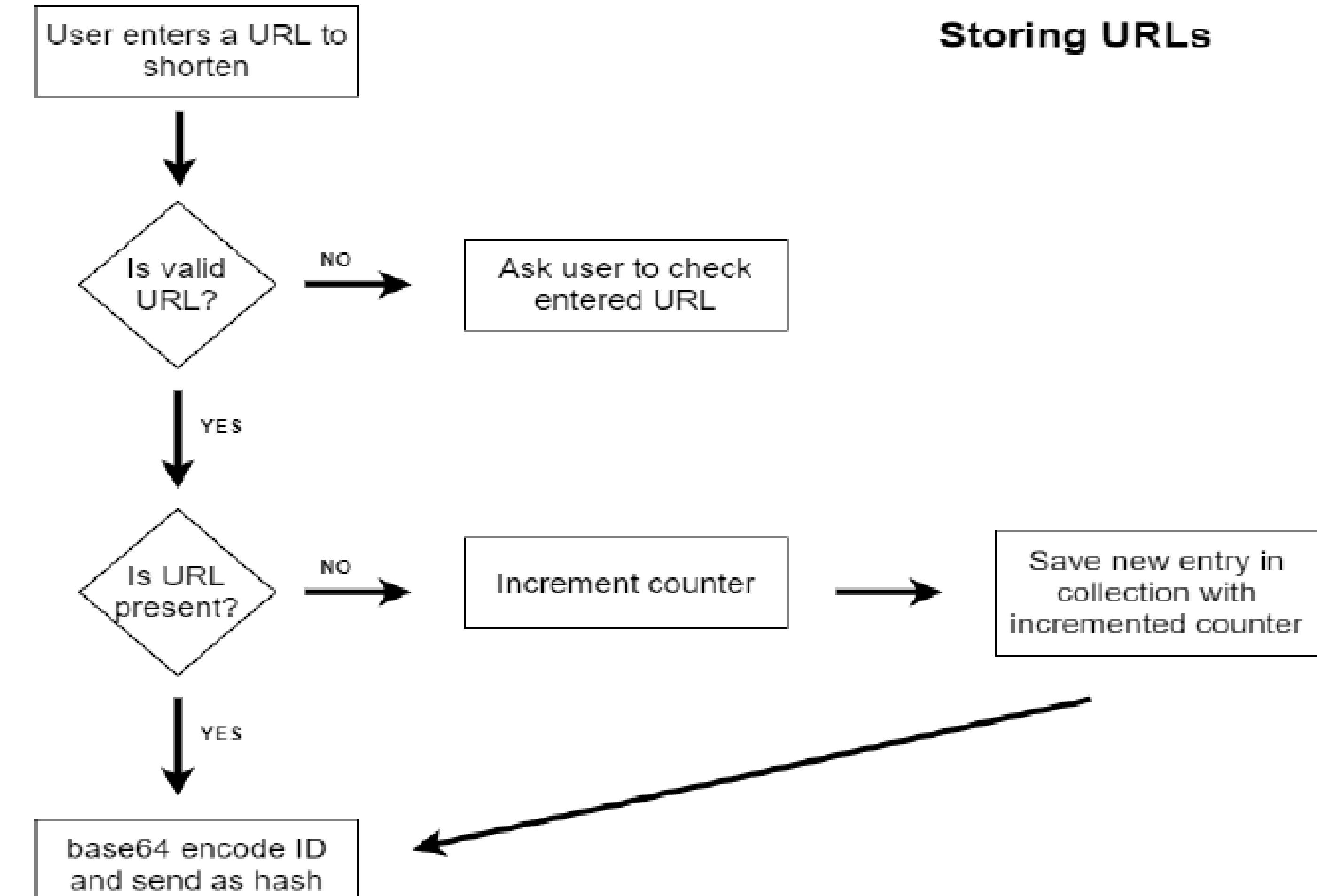
Keeps all shortened links and insight in one place.

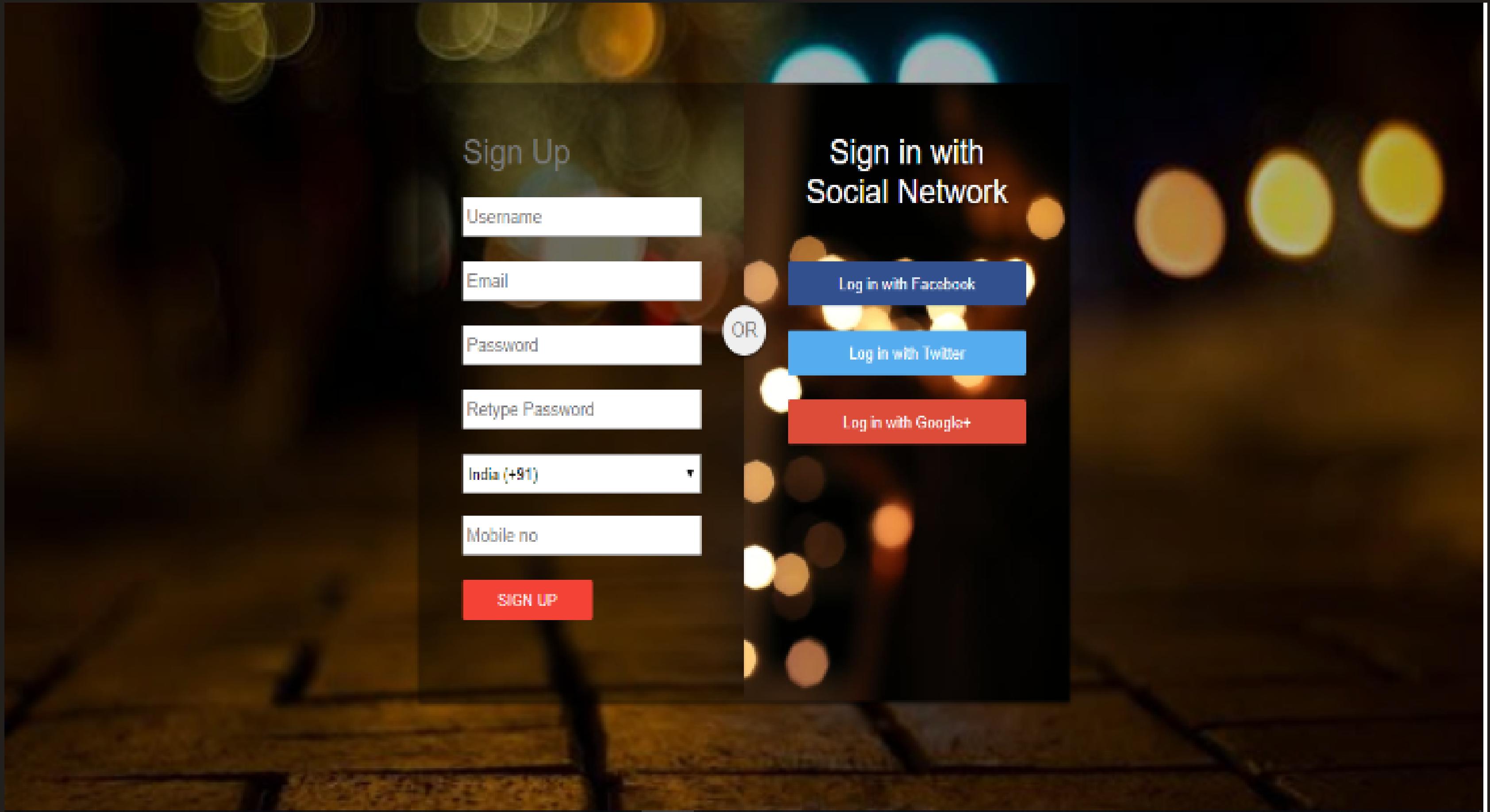
Working

- A URL shortener works because of a Web server function called a “Redirect” (URL redirection).
- Basically the new URL (the short URL) will redirect users to the old URL (your long URL).
- When you enter a URL a browser, this actually sends an HTTP command to the Web server directing it to fetch and transmit the requested Web page.



Storing URLs





Login

username

password

[login](#)

[HOME](#)[SERVICES](#)[ABOUT](#)[SIGN IN](#)[SIGN UP](#)[CONTACT](#)

SHORTEN . SHARE . MEASURE

JOIN URS AND MANAGE YOUR **LINKS**

PASTE A LINK TO SHORTEN IT

SHORTEN

Phases

PHASE 1

In phase 1, we will create website or Homepage interface using HTML, CSS, BOOTSTRAP.

PHASE 2

- Establish Database.
- After that create URL Shortener using php with password protection.

PHASE 3

- **create User panel**
- **Integrate all modules to create final Project**

TECHNOLOGY USED

HTML



CSS



php



THANK YOU...