**Micromanagement of a Micro Project**

Here’s my little 2 day project

Link Shortener

How does it work, some of you may already know, some of are still thinking and some of you may have an idea.

Let me describe in naïve form, I have a good memory, let’s suppose I have and you are benefiting from this, you made me learn a lot of poems and whenever someone wants to listen to a poem, you just tell me which one and I’ll start reciting without you needing to bring that book.

So what have we done in our example? We are creating a shortcut of something that is large by providing an index/identity or you can say shortcut?

What does it uses ?

Space obviously! That includes storing the actual data and and a short data that is referencing the actual data.

You can associate this with an example of variables in any programming languages. You use a variable to store data and you don’t need to refer to data you can just refer to the variable and that will provide you the data.

Why this you may ask?

Recently during my internship, one of the department organized a training / short course and they’ve circulated design art along with a QR code to allow participants to register using the link in QR, as the registration url was long, the team decided to used the first URL shortener they could’ve found of google search, They used it and made the QR code more short and compact.

Later on next day, I’ve received a text that the QR is not opening the registration link, I’ve checked and found the site which hosted the shorten url banned the url because they might’ve found it suspicious, wrongly.

But what did that costed the organization? An image and a lot of participation because if I am interested and try to register but the QR is broken, I’ll have a second though and probably going to give it a pass.

That made me think that there should be a managed URL shortener of any organization, allowing the organization to have much more control over the situations like this.

Also, this can easily be run on t2.nano instance with a lot least costing or can be hosted in premises.

There are a lot of url shorteners we have, what’s special in it?

Lets start with what common grounds we are covering.

Shorten URL; check

Just this ??

Yes, along with the free one you get one thing with strings attached that can be pulled when you needed it the most.

But what do we have,

Shorten URL,

allows you to have custom shortcode

modify any url at any given point in time ( from changing the base url to short url ) you have freedom to modify both

qr code by just adding .qr behind the short url of your need

a more manageable dashboard to create and view the url which you’ve shorted

one click copy, edit, delete

Upcoming Feature

Analytics (Global or of a certain link) providing the timegraph the link being accessed along with the type of devices charts.

Time bomb, yes you’ve heard it right, this will allow you to create self destructing short urls, in case you want to close the registrations.

Authentication, on being an organization thing we look forward it