Assumptions and Explanation

GuzzleHttp: Guzzle is a PHP HTTP client that makes it easy to send HTTP requests.

There are two APIs used in this project:

1. <https://dummy.xyz/MAS/billingapi/auth/login> : This will first grant access to this application with username and password as shown below.

$res = $client->request('POST', 'https://dummy.xyz/MAS/billingapi/auth/login', [

'headers' => [

'Content-Type' => 'application/x-www-form-urlencoded',

],

'form\_params' => [

'userName' => 'hollatags1',

'password' => '$6HerHg+s189e'

]

]);

$res = json\_decode($res->getBody()->getContents(), true);

1. <https://dummy.xyz/MAS/billingapi/billuser/consume>: This is the main API that handle the billings. The API in #1 will return an authorization token to this API before it can perform billing. Also, the billing API required the user’s mobile\_number, username and amount\_to\_bill as arguments. It’s assumed that the billing API returns the user’s details (mobile\_number, username and amount\_to\_bill ) after successful billing.

The system updates each user “amount\_to\_bill” after successful billing.

Please see full codes here: <https://github.com/itafor/hollatags/blob/master/holla_tags_billing_api/app/Http/Controllers/BillingController.php>