

# WHATSAPP BOT THAT CONNECT TO GPT 3.5

Author : Kuku TW ([kukuhtw@gmail.com](mailto:kukuhtw@gmail.com)) whatsapp : <https://wa.me/628129893706>

Step by step, instruction guide to setup whatsapp bot that connect to API GPT 3.5

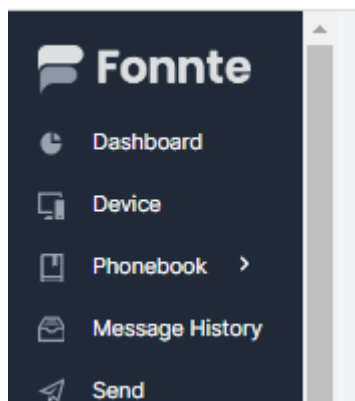
1. Open db\_wa.php, setting config your database. Set mysqlserver,user,password,defaultdb,host and your folder here

```
1 <?php
2
3 $mysqlserver = "localhost";
4 $mysqluser = "root";
5 $mysqlpassword = "";
6 $mysqldefaultdb = "your_dbname";
7 $host = "localhost/yourfolder/";
8 $folderweb="";
9 $webhook = $host."/";
10
11 $link = mysqli_connect($mysqlserver, $mysqluser, $mysqlpassword,$mysqldefaultdb) or die ("Could not connect to MySQL");
12
13 ?>
```

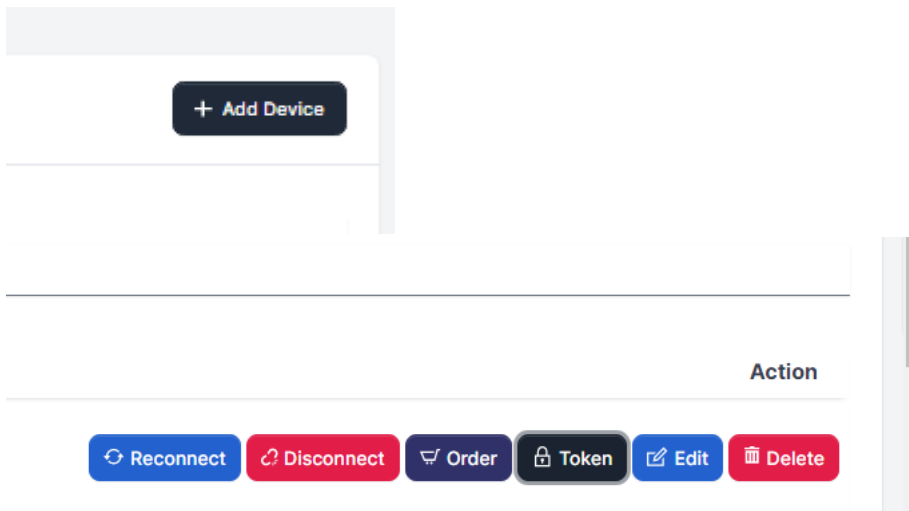
2. Run mysql script on phpMyAdmin
3. You will see 2 tables appeared here.

Table	Action	Rows	Type	Collation	Size	Overhead
<input type="checkbox"/> history	★ Browse Structure Search Insert Empty Drop	11	InnoDB	utf8mb4_general_ci	80.0 KiB	-
<input type="checkbox"/> wa_user	★ Browse Structure Search Insert Empty Drop	1	InnoDB	utf8mb4_general_ci	16.0 KiB	-
2 tables Sum		12	InnoDB	utf8mb4_general_ci	96.0 KiB	0 B

4. Register API WA gateway at fonnte.com , link registration here.  
<https://md.fonnte.com/new/register.php?ref=9>
5. Login at dashboard fonnte.com , add devices and get API Token there.



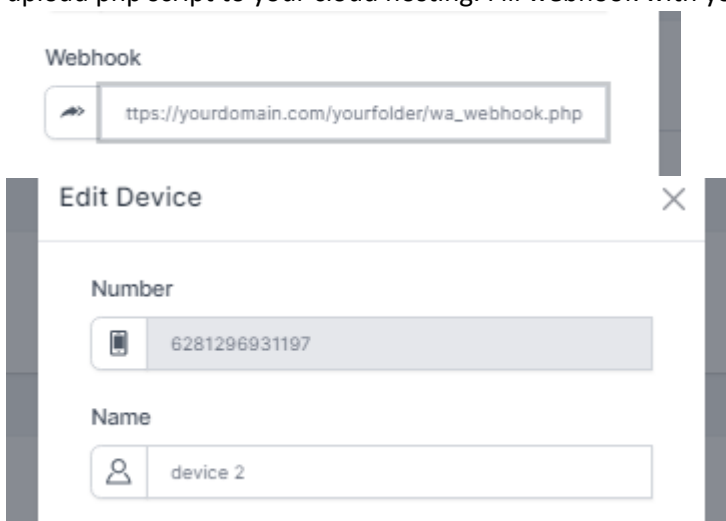
6. Click Add Devices ada fonnte dashboard. Scan QRcode whatsapp using your handset devices. After scanning, you will get Token. Klik Token there at dashboard fonnte



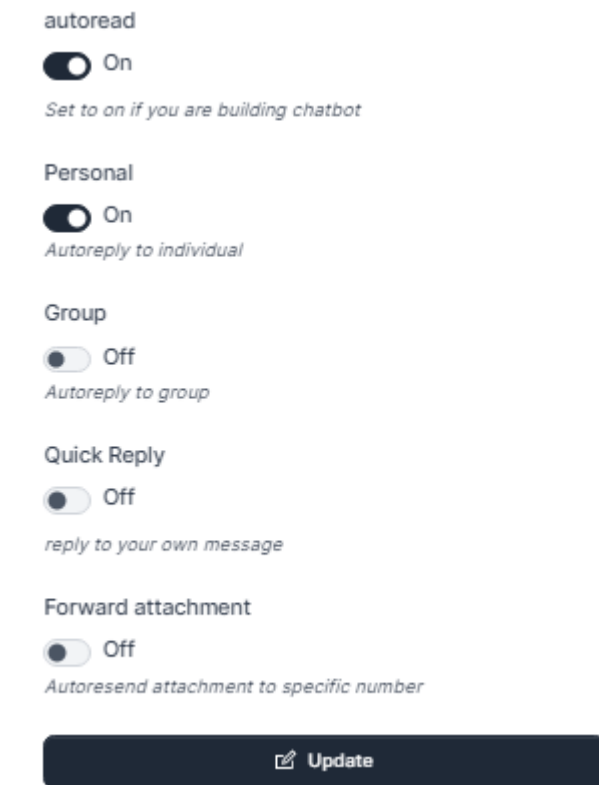
7. Open `wa_webhook.php`. copy paste fonnte Token here. Fill in at `wa_webhook.php` line 6

```
3
4 header("Content-Type:application/json;charset=utf-8");
5 include("db_wa.php");
6 $Token_Fonnte = ""; // <-- Change your Token Fonnte Here
7 $OPENAI_API_KEY=""; // <-- Change OPENAI API KEY HERE
8
```

8. Register API GPT openAI here, and copy paste OPENAI API key there at file `wa_webhook.php`. Fill in at file `wa_webhook.php` line 7
9. At dashboard fonnte, click edit devices. And add webhook info. Make sure you already upload php script to your cloud hosting. Fill webhook with your own hosting



10. Set/Switch Autoread to On, Set Personal to On, Group as off, QuickReply to Off and Forward Attachment to Off. Screen shoot below this



11. Open your wa\_webhook.php , you can modify about the amount of messages per 1K token here. At line 47. By default I set to 250 Rupiah (equal to \$0.02). The cost for GPT 3.5 is \$0.02 per 1K Token. You can set amount based on your own currency. Let say you can set 0.2 to set margin \$0.18 per 1 Token. (\$0.2 – \$0.02) .

12.

```

44  $deposit = cek_deposit($sender,$senderName,$text,$saatini,$link,$mysqlserver,$mysqldefaultdb,$mysqluser,$mysqlpassword);
45
46  $total_token = cek_jumlah_token_terpakai($sender,$senderName,$text,$saatini,$link,$mysqlserver,$mysqldefaultdb,$mysqluser,$mysqlpassword);
47  $biaya= 250 * intval($total_token/1000); // 250 is in Rupiah. it means Rp 250 or equal to $0.02 you can change value of 250 into your currency
48  $sisasaldo = $deposit - $biaya; // Sisa saldi is remaining balance
49
50  $response_content="The total number of tokens you have used with ".$sender." (".$senderName.") is ".$total_token;
51  $response_content .= "\n\nThe cost is Rp ".number_format($biaya);
52  $response_content .= "\n\nThe total amount of your deposit is Rp ".number_format($deposit);
53  $response_content .= "\n\nThe remaining balance is Rp ".number_format($sisasaldo);
54  $response_content .= "\n\nStart asking anything here...you have free balance as much as Rp 5,000 (Lima ribu rupiah)";
55

```

13. You can set minimum amount that user can utilize your whatsapp bot as free. At line 99 You can put a limit, up to what price, your users can use this bot for free. By default I set 5000 rupiah as equal to \$0.3 . you can set variable sisasaldo (remaining balance) as 0.03 if you were using \$ or whatever less amount you would like.

```

98
99  if ($sisasaldo<=5000) {
100     $response_content = "\n\nYour notification warning to user if remaining balance is less than 5000";
101     $response_content .= "\n\nyour whatsapp link, to let user make confirmation to you, after purchasing this service";
102     $response_content .= "\n\nMinimum deposit is Rp 1,000 (one thousand rupiah) and can be transferred to BCA bank under the name of [YOURNAME] account number [YOUR ACCOUNTNUMBER ]";
103     $response_content .= "\n\nAfter transferring, please confirm via Telegram @kukuhtv or WA LINK your Whatsapp here";
104
105     $response_content = "\nSorry, out of balance";
106     $response_content .= "\n\nyour whatsapp link, to let user make confirmation to you, after purchasing this service";
107     $response_content .= "\n\nMinimum deposit is Rp 1,000 (one thousand rupiah) and can be transferred to BCA bank under the name of KukuH Tripamungkat. account number 255-1111-441 ";
108     $response_content .= "\n\nAfter transferring, please confirm via https://wa.me/6281239893706";
109
110     $buttonJSON=null;
111     kirimPesan_whatapp($targetgroup, $response_content, $buttonJSON, $Token_Fonnte);
112
113     $saidsomething=1;
114     exit;
115 }

```

14. when your user asks something, the bot needs time to process the question, call the gpt API, let them know, the bot has received the message and is processing the question. At line 117, you change the messages for this notification

```

115 }
116
117 if ($text!=" " && $sai dsomething==0) {
118     $response_content="You Said: ".$text. ", Hang on, we are in typing .....right now..... ";
119     $buttonJSON=null;
120     kirimPesan_whatapp($targetgroup, $response_content, $buttonJSON, $Token_Fonnte);
121
122     $prompt=$text;
123     $json_response="";
124     $text_response="";
125
126     $num_token=0;
127
128
129     if ($panjang_char<=9 && $sai dsomething==0) {

```

15. Each message will be charged, therefore it needs to be stored in the database. this information is stored in the history table. API GPT would charge based on prompt tokens, completion token and num\_token (as total token). this will make it easier for you to keep track of the amount of fees that users need to pay to you, in order to use this bot.

```

    $total_tokens=$num_token;

    $sql_insert = "INSERT INTO `history` (`sender`, `username`, `prompt`, `json_response`,
    `response_text`, `prompt_tokens`, `completion_tokens`, `num_token`, `msgdate`, `return_json`)
    VALUES (?, ?, ?, ?, ?, ?, ?, ?, ?, ?)";

    $stmt = mysqli_prepare($link, $sql_insert);
    mysqli_stmt_bind_param($stmt, "ssssiiiss", $sender, $senderName, $prompt, $json_response, $text_re
    if (!mysqli_stmt_execute($stmt)) {
        die('Failed to insert data: ' . mysqli_error($link));
    }

```

16. If your user has paid, save the amount in the deposit field in the table. if your user makes the next payment. add the cumulative payment in the deposit field in the wa\_user table. In this case, I have set deposit 9000 for user with sender(whatsapp number 628129893xxxx).

id	sender	senderName	lastmessages	nama	email	whatsapp	alamat_kirim	mode_isidata	mode_order	lastupdatedate	deposit	regdate
1	628129893706	Kukuhtw.medium.com	Berikan saran obat agar sembuh dari sesak nafas ka...	NULL	NULL	NULL	NULL	NULL	0	2023-03-22 14:48:02	9000.0000000	2023-03-22 11:35:4

17. Maximum tokens is the maximum number of tokens that will be processed by the GPT 3.5 API, in this case, I set the maximum number as 800 tokens, you can change more like 1200 or

2000 tokens. You can set at line 186 at file wa\_webhook.php

```
182
183 function call_open_ai($OPENAI_API_KEY,$prompt) {
184
185     $temperature=0.8;
186     $max_tokens=800;
187     $top_p=1;
188     $frequency_penalty=0;
189     $presence_penalty=0;
190     $presence_penalty=0;
191
192     $stop = "\n\n$$$";
193
194
195
```

18. To send whatsapp , you need API wa gateway , I am using fonnte.com to provide sent the messages. you don't need change anything in this code

```
383
384 function kirimPesan_whatsapp($targetgroup, $message, $buttonJSON, $Token_Fonnte) {
385
386
387     $check2chardipdean = substr($targetgroup,0,2);
388     $countrycode = $check2chardipdean;
389     if ($check2chardipdean=="62") {
390         $countrycode="0";
391     }
392     if ($check2chardipdean=="08") {
393         $countrycode="0";
394     }
395
396
397     // echo "<br>targetgroup = ".$targetgroup;
398     //echo "<br>countrycode = ".$countrycode;
399
400
```

19. okay, the setup process is complete, if you have any questions contact Kuku TW at kukuhtw@gmail.com or whatsapp <https://wa.me/628129893706> , visit my <https://linktr.ee/kukuhtw>

Demo Video available at <https://www.youtube.com/watch?v=bw1kVuzhWnM>