TELEGRAMBOT CONNECT TO GPT 3.5

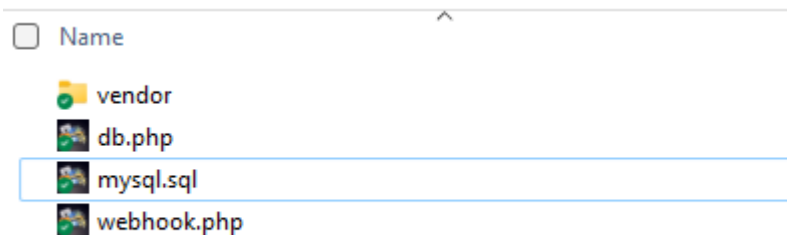Author : Kukuh TW – kukuhtw@gmail.com – Whatsapp : 62812-9893-706

Overview : This Telegram Bot will make it easier for you and your users to utilize GPT 3.5 through the Telegram Bot platform in addition to the main website at https://chat.openai.com. To obtain access to the GPT 3.5 API, there is a fee, which you can charge your users to cover the monthly cost of accessing GPT and hosting. Why have a Telegram Bot when you can access chat.openai.com directly? Using a chat messenger like Telegram Bot will greatly benefit mobile users in terms of speed and convenience. You and your users only need to open the Telegram Messenger app and access your bot to interact with the GPT 3.5 chat. The cost per 1000 tokens or per 700 words is around $0.002 or approximately 30 Indonesian rupiah.

Instructions for understanding the content of webhook.php:

This file functions to run the Telegram Bot that is connected to GPT 3.5 Open AI.

Step-by-step instructions: / Petunjuk step by step

1. Open account at cloud hosting.
2. Create a folder on your cloud hosting with a name of your choice, for example: Mytelegrambot. Copy the webhook.php file and vendor folder to your cloud hosting website.

3. Open file db.php , set your user databaser, your defaultdatabase name, your password here

```php
<?php

$mySQLserver = "localhost";
$mySQLuser = "yourmysqluser";
$mySQLpassword = "yourpassword";
$mySQLdefaultdb = "yourDB";
$host = "localhost/yourfolder/";

$link = mysqli_connect($mySQLserver, $mySQLuser, $mySQL


?>
```

4. Run the mysql script on phpMyAdmin on your cloud hosting.
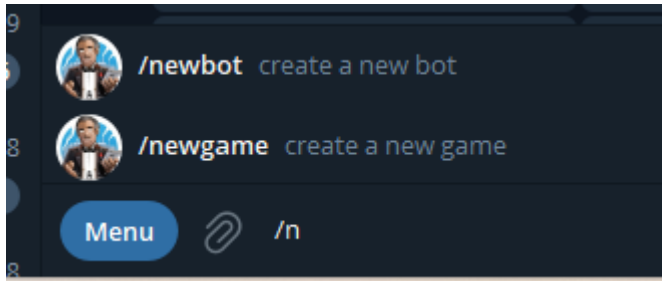
```
8   └──
9
0   ┌─CREATE TABLE `history` (
1       `id` bigint(20) NOT NULL,
2       `ispublish` tinyint(1) DEFAULT 1,
3       `sender` varchar(255) DEFAULT NULL,
4       `username` varchar(255) DEFAULT NULL,
5       `prompt` text DEFAULT NULL,
6       `json_response` text DEFAULT NULL,
7       `response_text` text DEFAULT NULL,
8       `num_token` int(11) DEFAULT NULL,
9       `return_json` text DEFAULT NULL,
0       `msgdate` datetime DEFAULT NULL
1   └─) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4 COLLATE=utf8mb4_general_ci;
2
3     -- --------------------------------------------------------
4
5   ┌──
6   | -- Table structure for table `telegram_user`
7   └──
8
9   ┌─CREATE TABLE `telegram_user` (
0       `id` bigint(20) NOT NULL,
1       `telegramid` varchar(255) DEFAULT NULL,
2       `telegramusername` varchar(255) DEFAULT NULL,
3       `lastmessages` text DEFAULT NULL,
4       `nama` varchar(255) DEFAULT NULL,
5       `email` varchar(255) DEFAULT NULL,
6       `whatsapp` varchar(255) DEFAULT NULL,
7       `alamat_kirim` text DEFAULT NULL,
8       `mode_isidata` char(12) DEFAULT NULL,
9       `mode_order` tinyint(1) DEFAULT 0,
0       `lastupdatedate` datetime DEFAULT NULL,
1       `deposit` decimal(11,7) DEFAULT 0.0000000,
2       `regdate` datetime DEFAULT NULL
3   └─) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4 COLLATE=utf8mb4_general_ci;
4
5   ┌──
6   | -- Indexes for dumped tables
7   └──
```
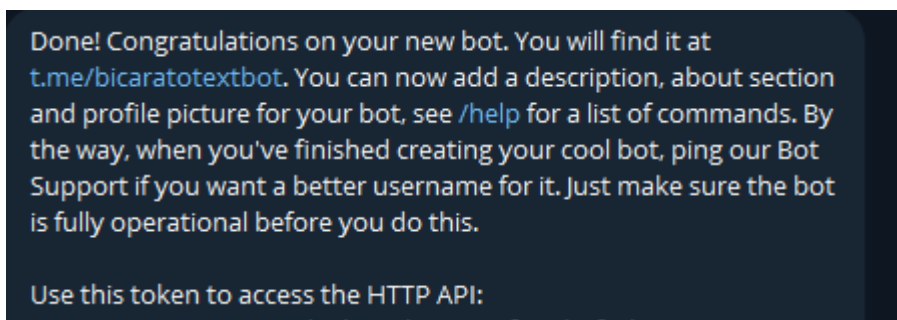
5. There will be 2 tables like the following:

Table ▲	Action						Rows	Type	Collation	Size	Overhead
☐ history	★	Browse	Structure	Search	Insert	Empty	Drop	0	InnoDB	utf8mb4_general_ci	16.0 KiB	-
☐ telegram_user	★	Browse	Structure	Search	Insert	Empty	Drop	1	InnoDB	utf8mb4_general_ci	16.0 KiB	-
2 tables	Sum							1	InnoDB	utf8mb4_general_ci	32.0 KiB	0 B

6. Register your Telegrambot in your t.me/botfather account, type /newbot

7. Enter the bot name data you created.

8. You will get the API Token and BotName

Done! Congratulations on your new bot. You will find it at t.me/bicaratotextbot. You can now add a description, about section and profile picture for your bot, see /help for a list of commands. By the way, when you've finished creating your cool bot, ping our Bot Support if you want a better username for it. Just make sure the bot is fully operational before you do this.

Use this token to access the HTTP API:

9. Fill in the API Token and Botname on lines 29 and 30 of the webhook.php file.Screen shot attached


```
24
25   set_time_limit(9000);
26   include("db.php");
27   include("vendor/autoload.php");
28   $filehookname = "webhook.php"; // <--- this file php webhook.php
29   $API_KEY = '';  // <-- FILL API KEY TELEGRAM BOT HERE
30   $BOT_NAME = ''; // <--- FILL YOUR BOTNAME HERE
31   $URL="https://api.telegram.org/bot".$API_KEY;
32   $host="yourdomain.com/yourfolder_telegrambot"; // <---- FILL YOUR DOMAIN.COM and YOUR FOLDER HERE
33
```

10. Register for an OPEN AI account if you don't already have one. Log in to https://platform.openai.com/account/api-keys. Klik Create New secret key. Screen shoot

Attached here.

API keys

Your secret API keys are listed below. Please note that we do not display your secret API keys again after you generate them.

Do not share your API key with others, or expose it in the browser or other client-side code. In order to protect the security of your account, OpenAI may also automatically rotate any API key that we've found has leaked publicly.

SECRET KEY	CREATED	LAST USED	
sk-...Atpp	Mar 11, 2021	Mar 12, 2021	🗑
sk-...mRTQ	Feb 12, 2023	Mar 21, 2023	🗑
sk-...nFRa	Mar 18, 2023	Never	🗑

+ Create new secret key

11. Copy and paste the open AI API, open the webhook.php file line 37. Fill your open API there Screen shot attached

```
32    $host="yourdomain.com/yourfolder_telegrambot"; // <---- FILL YOUR DON
33
34    $URL_BASE = "https://".$host."/".$filehookname;
35
36    $URL="https://api.telegram.org/bot".$API_KEY;
37    $OPENAI_API_KEY=""; // <---- FILL YOUR OPEN API KEY HERE
38
39    use Telegram\Bot\Api;
40    $telegram = new Api($API_KEY);
41    $response = $telegram->setWebhook(['url' => $URL_BASE]);
```

12. Fill in the Telegram ID data on line 93 and line 250. Every user who comes to your bot, you will be notified of the activity between the user and your bot.

```
92
93    $adminid = ""; // <----- FILE YOUR TELEGRAM ID HERE
94    if ($telegramid!=$adminid) {
95        file_get_contents($URL."/sendmessage?chat_id=$adminid&pa
96    }
97
98

249
250        $admin = ""; // <---- FILL your TelegramID
251        if ($telegramid!=$admin) {
252
253
254            $response_content = "Question : ".$prompt." fr
255            file_get_contents($URL."/sendmessage?chat_id=$
256
```

13. To find out telegram id info. Watch the following video
https://www.youtube.com/watch?v=GhsmZsHzeoE

14. Info remaing balance is here. At line 84-90. Line 114-120 You can modify if you want.

```
85
86      $response_content="The total number of tokens you have used with ".$telegramid." (".$telegramusername.") is ".$total_token;
87      $response_content.="%0AThe cost is Rp ".number_format($biaya);
88      $response_content.="%0AThe total amount of your deposit is Rp ".number_format($deposit);
89      $response_content.="%0AThe remaining balance is Rp ".number_format($sisasaldo);
90
91      file_get_contents($URL."/sendmessage?chat_id=$telegramid&parse_mode=HTML&text=$response_content");
92

108  if ($text_upper=="SALDO") {
109      $saidsomething=1;
110
111      $biaya= 250 * intval($total_token/1000);
112      $sisasaldo = $deposit - $biaya;
113
114      $response_content="The total number of tokens you have used is ".$total_token;
115      $response_content.="%0AThe cost is Rp ".number_format($biaya);
116      $response_content.="%0AThe total amount of your deposit is Rp ".number_format($deposit);
117      $response_content.="%0AThe remaining balance is Rp ".number_format($sisasaldo);
118      $response_content.="%0AMinimum deposit is Rp 1,000 (one thousand rupiah) and can be transferred to BCA bank under the name of [YOURNAME] account number [YOUR ACCOUNTNUMBER ]";
119      $response_content.="%0AAfter transferring, please confirm via Telegram @kukuhtw or WA LINK your Whatsapp here";
120      file_get_contents($URL."/sendmessage?chat_id=$telegramid&parse_mode=HTML&text=$response_content");
121      $saidsomething=1;
122      exit;
123  }
124
```

15. You can put deposit for each user. Check table telegram_user and field deposit. Screen shoot below this.

	id	telegramid	telegramusername	lastmessages	nama	email	whatsapp	alamat_kirim	mode_isidata	mode_order	lastupdatedate	deposit	regdate
elete	2	69518441	kukuhtw	SALDO	Kukuh TW	kukuhtw@kukuhtw.com	628129893706	Jl Testing Raya 10 nomor 19 Pondok Raya 13 Jakarta...		0	2023-03-21 15:47:36	1100009	2022-10-29 11:05:59

16. Put amount deposit here. In this case I put 1,100,009 for mytelegramusername : kukuhtw

ler	lastupdatedate		deposit	regdate
	0	2023-03-21 15:47:36	1100009	2022-10-29 11:05:

17. If remaining balance less than -5000, then user can not utilize your bot, you can modify amount here In line 157

```
155
156
157  if ($sisasaldo<=-5000) {
158      $response_content="%0AYour notification warning to user if remaining balance is less than 5000";
159      $response_content.="%0Ayour whatsapp link, to let user make confirmation to you, after purchasing this service";
160      file_get_contents($URL."/sendmessage?chat_id=$telegramid&parse_mode=HTML&text=$response_content");
161      $saidsomething=1;
162      exit;
163  }
164
```

18. You can check history conversation at table history.

	id ▼ 1	ispublish	sender	username	prompt	json_response	response_text	num_token	return_json	msgdate
🔴 Delete	46	1	69518441	kukuhtw	apakah yang dimaksud dengan algoritma bayes pada A...	{"id":"cmpl-6j6DTx92N2db4LJIeiBp3J87IVCxE","object...	%0A%0AAlgoritma Bayes merupakan metode untuk menen...	220	NULL	2023-02-12
🔴 Delete	47	1	69518441	kukuhtw	jelaskan algoritma K nearest pada AI	{"id":"cmpl-6j6EguhrwSbYJdhI8XYoOYgKYqcuh","object...	:%0AAlgoritma K nearest adalah salah satu algorit...	513	NULL	2023-02-12
					berikan					

19. That's it….. now you have your own telegram bot that utilize GPT 3.5 , congrats!

Contact me at kukuhtw@gmail.com or my whatsapp https://wa.me/628129893706.
https://linktr.ee/kukuhtw