Taxed website

Release 1.1.0

Group T2

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CONTENTS:

1 Installation guide for testing purpose **1**
- 1.1 System requirements . . . 1
- 1.2 Making sure Docker Desktop is running: . . . 1
- 1.3 Cloning the repository . . . 3
- 1.4 Creating a virtual environment . . . 3

2 How to navigate through the website **5**

3 How to use salary calculator **7**

4 How to interact with chat bot **9**

5 User registration, Login and Logout **13**
- 5.1 Not yet a user? . . . 13
- 5.2 Already a user? . . . 14

6 How to update user information **17**

7 Indices and tables **19**

CHAPTER

ONE

INSTALLATION GUIDE FOR TESTING PURPOSE

In this section, you will be guided on how to download the prototype, create virtual environment, install dependencies and run the website. If you have any problem, please feel free to contact me via email hien.nguyen@edu.turkuamk.fi or WhatsApp +358 46 8404770

1.1 System requirements

1. Python version 3

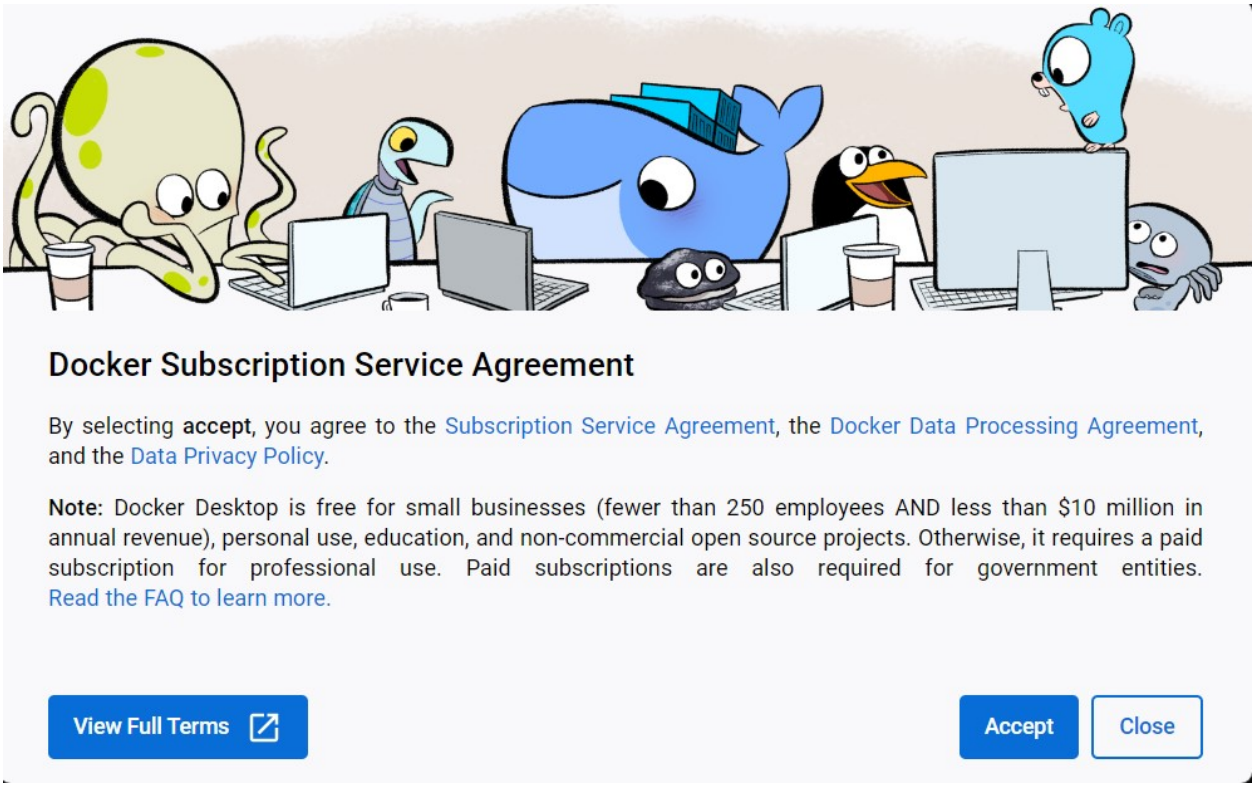
If you have not installed, please visit to https://www.python.org/ and comeback once it is installed.

2. Docker for desktop On Windows: https://docs.docker.com/desktop/install/windows-install/ On Mac: https://docs.docker.com/desktop/install/mac-install/ On Linux: https://docs.docker.com/desktop/install/linux-install/ On Ubuntu: https://docs.docker.com/desktop/install/ubuntu/

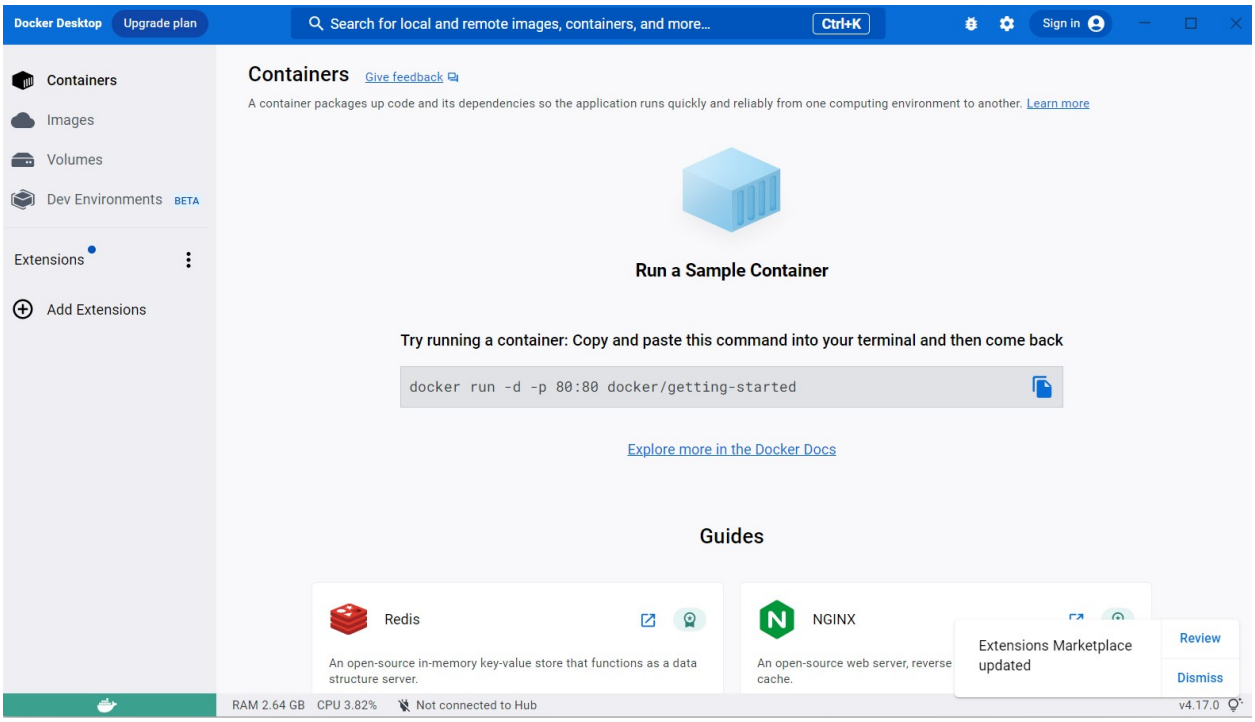
1.2 Making sure Docker Desktop is running:

After Docker Desktop is installed, open it.

Accept terms and condition when asked.



After starting period, the Docker Desktop will appear as followed:

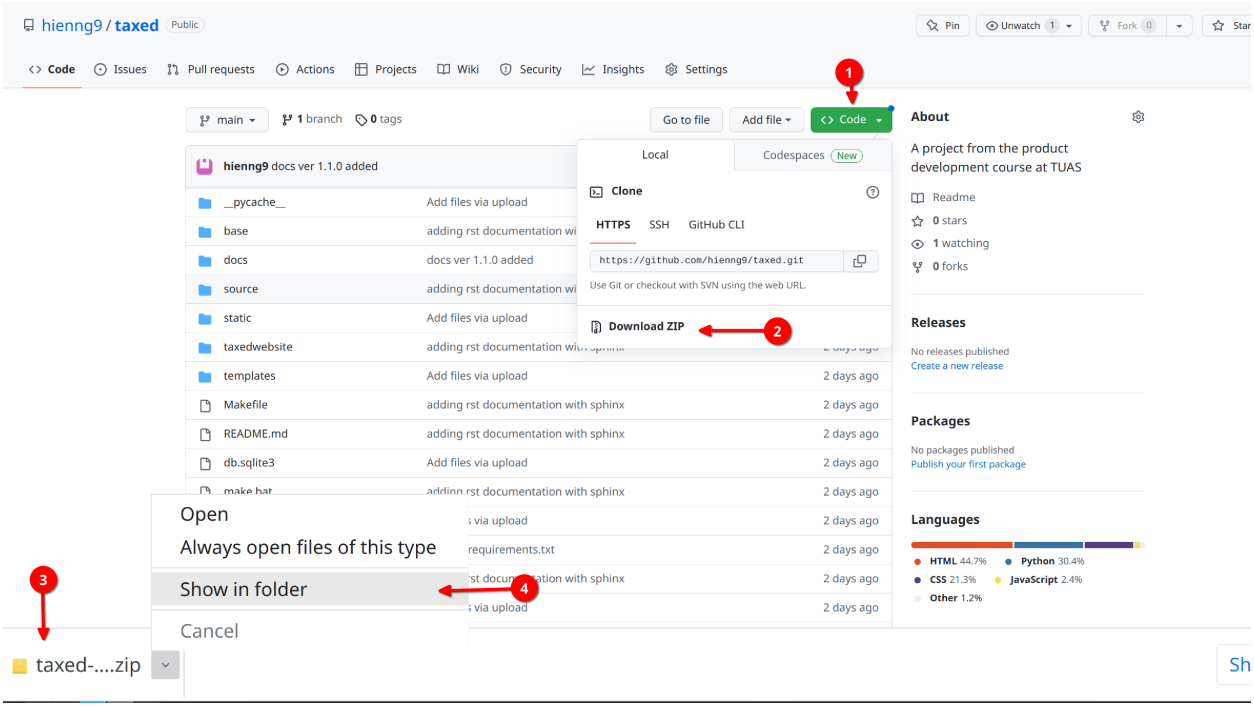


1.3 Cloning the repository

1. Clone the repository using the command below:

```
$ git clone https://github.com/hienng9/taxed.git
```

Or download the project directly from https://github.com/hienng9/taxed and extract the zip file to any location that you wish.



2. In case you use git to clone the project, continue by moving into the directory where we have the project files:

```
$ cd taxed
```

Otherwise, extract the download file, open your terminal to change to the directory where the project is extracted and go to the folder name taxed. From this point on, we will be using the terminal.

1.4 Creating a virtual environment

Let's install virtualenv first if you have not already:

```
$ pip install virtualenv
```

Then we create our virtual environment:

```
$ virtualenv envname
```

Activate the virtual environment using either on Windows:

```
$ envname/Scripts/activate
```

or on Linux or Mac:

```
$ source envname/bin/activate
```

Finally, run the following command on Windows::

$ docker-compose up

On Mac or Linux use::

$ sudo docker-compose up

Waiting for all the neccessary dependencies are installed and images are created. You should have the following:

```
=> => extracting sha256:e9cdcd4942ebc7445d8a70117a83ecbc77dcc5ffc72c4b6f8e24c0c76cfee15d                                2.8s
=> => extracting sha256:ca3bce705f6c47c25b6e7896b4da514bf271c5827b1d19f51611c4a149dd713c                                6.7s
=> => extracting sha256:5e1c6c4f8bbf1116f692204567222e5b77b4d0275cccad0c6810eb4374aede6a                                0.3s
=> => extracting sha256:2da42ff3382c8728675ad6da038dd6c40010bb5775c485a51ed82e46a28fca8e                                0.7s
=> => extracting sha256:86f9457966ab88b64b3db60c24031e3ad58b40db377586e0aacd8d09a294ee58                                0.0s
=> => extracting sha256:896264e2a03c08702fd443b414c8d2da9fbe71f5e051bf3e2fea2ec9b2763b61                                0.3s
=> [taxed-main-django internal] load build context                                                                      0.8s
=> => transferring context: 11.42MB                                                                                     0.7s
=> [taxed-main-django 2/7] RUN mkdir /code                                                                              1.3s
=> [taxed-main-django 3/7] WORKDIR /usr/src/code                                                                        0.1s
=> [taxed-main-django 4/7] COPY requirements.txt ./                                                                     0.0s
=> [taxed-main-django 5/7] RUN pip install -r requirements.txt                                                        341.1s
=> [taxed-main-django 6/7] RUN python -m nltk.downloader punkt                                                          3.5s
=> [taxed-main-django 7/7] COPY . .                                                                                     0.2s
=> [taxed-main-django] exporting to image                                                                              31.7s
=> => exporting layers                                                                                                 31.4s
=> => writing image sha256:446acd739b6b7179f1f3ed9d529ef2b3518200818534e16d67429b47c65e79b2                             0.0s
=> => naming to docker.io/library/taxed-main-celery                                                                     0.0s
=> => writing image sha256:b29c94494c789e2c7023e25f0ab7c2d93cd2254af0a1a5728f14025c3922769f                             0.0s
=> => naming to docker.io/library/taxed-main-django                                                                     0.0s
] Running 4/4
- Network taxed-main_default     Created                                                                                0.1s
- Container taxed-main-redis-1   Created                                                                                0.1s
- Container django               Created                                                                                0.1s
- Container taxed-main-celery-1  Created                                                                                0.1s
ttaching to django, taxed-main-celery-1, taxed-main-redis-1
axed-main-redis-1   | 1:C 20 Mar 2023 12:49:13.113 # oO0OoO0OoO0Oo Redis is starting oO0OoO0OoO0Oo
axed-main-redis-1   | 1:C 20 Mar 2023 12:49:13.113 # Redis version=7.0.9, bits=64, commit=00000000, modified=0, pid=1,
ist started
axed-main-redis-1   | 1:C 20 Mar 2023 12:49:13.113 # Warning: no config file specified, using the default config. In or
```

After that, open a web browser and go to http://127.0.0.1:8000/

Press Control-C to end the below command.

CHAPTER

TWO

HOW TO NAVIGATE THROUGH THE WEBSITE

In this section, you will know more about navigating in the website.

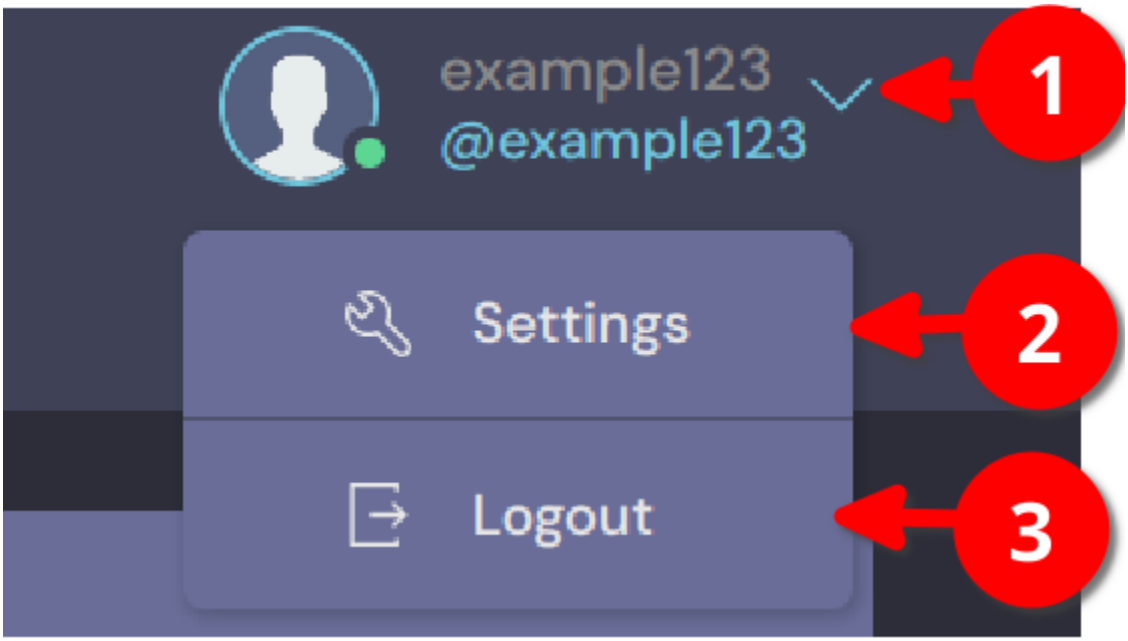
If you are not logged in, then all you see is the front page tab, salary calculator tab, contact tab and login logo.

1. Click on “front page” or the logo image will lead you to the first page of the website where you can find a lot information about the company, products and services. It is right now still under construction.
2. “Salary calculator” will lead you to the income calculator where you can know how much you earn after taxes and other funds as well as insurance.
3. Click on Contact tab if you have any questions or you want to contact us.
4. Click on Login to login into account or register new user.
5. Click on the image of messages to start having a conversation with website’s chatbot Tuuli.
6. Search bar where you can search for information on the website.

For logged-in users, there are information and tabs.

Information in number 1, 2, 3, 5 and 6 are the same as anonymous users. Logged in users have their own page where they can browse their invoices (#10), create invoice (#8), see past invoices (#9) and check recent activities on the website.

Logged in users can update their information in settings and log out.



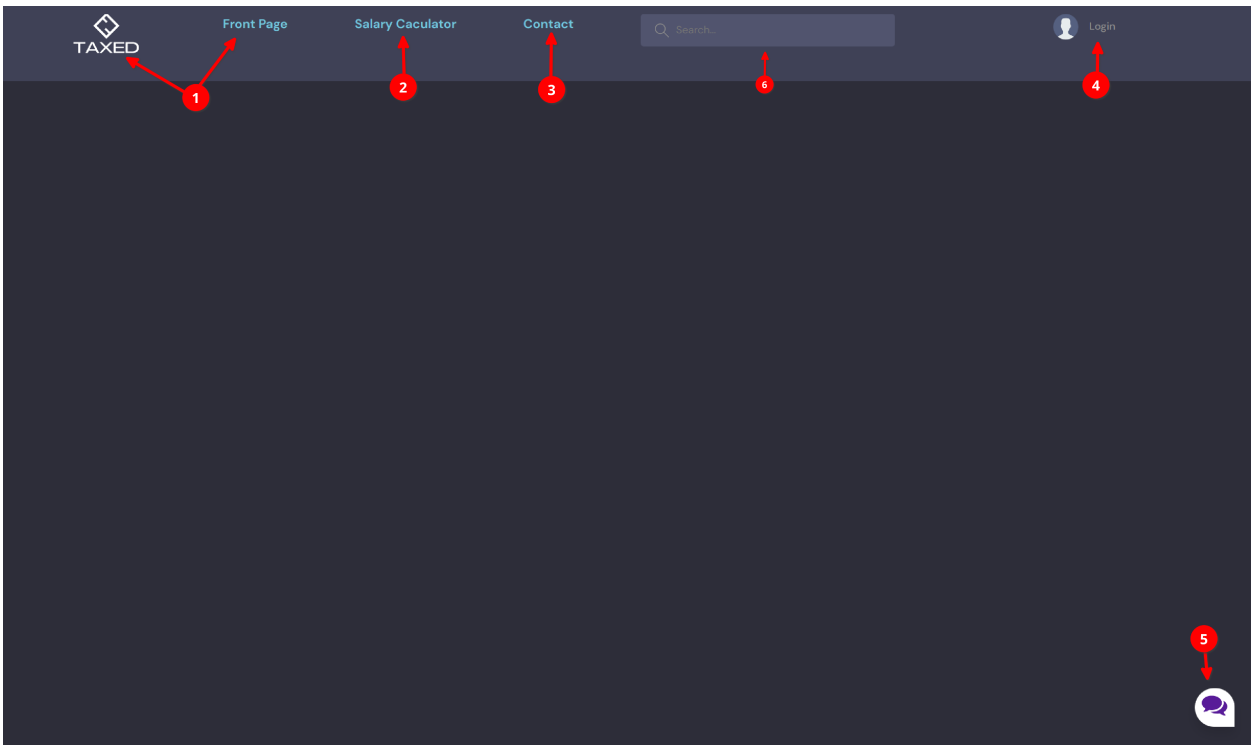
CHAPTER

THREE

HOW TO USE SALARY CALCULATOR

In this section, you will find information on using the salary calculator.

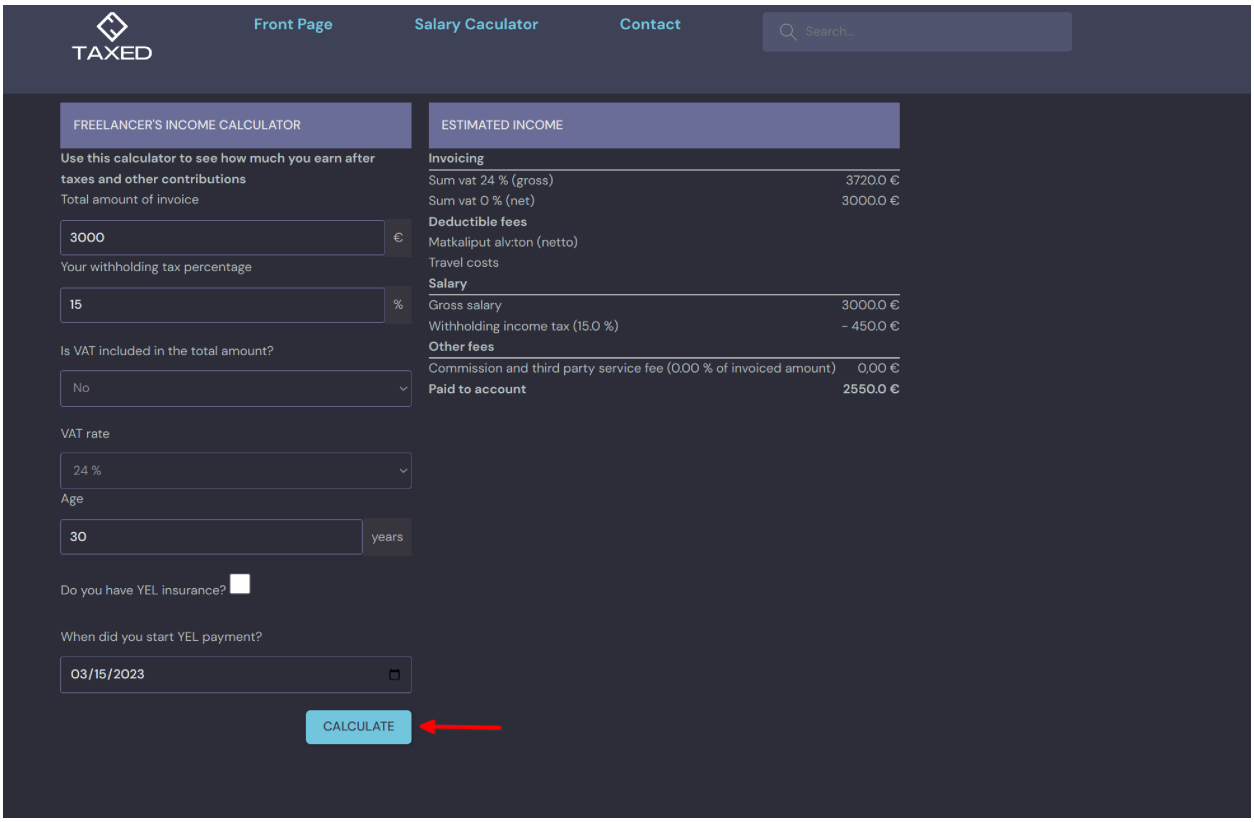
Head to the nagivation bar and choose the tab salary calculator.



Fill in the form the following information.

1. Total amount of invoice. For example, 3000 euros. In case you are paid hourly and want to charge customers 30 hours for 20 euros per hour, then the total amount of invoice will be 3000 euros.
2. Your widthholding tax percentage. This can be found in your tax card.
3. Is VAT included in the total amount of invoice?
4. if Vat is included int the amount invoicing, please choose the vat rates, either 24%, 10% or 0%.
5. Age of user. This will be used when user is YEL-reliable.
6. Are you YEL-reliable? An entrepreneur are obliged to take out YEL insurance when their yearly income exceeds a certain amount.
7. The date when you start taking out YEL insurance. This is used to calculate the percentage of YEL insurance fee that you have to pay.

Click Calculate to show the estimated income after taxes and other fees.



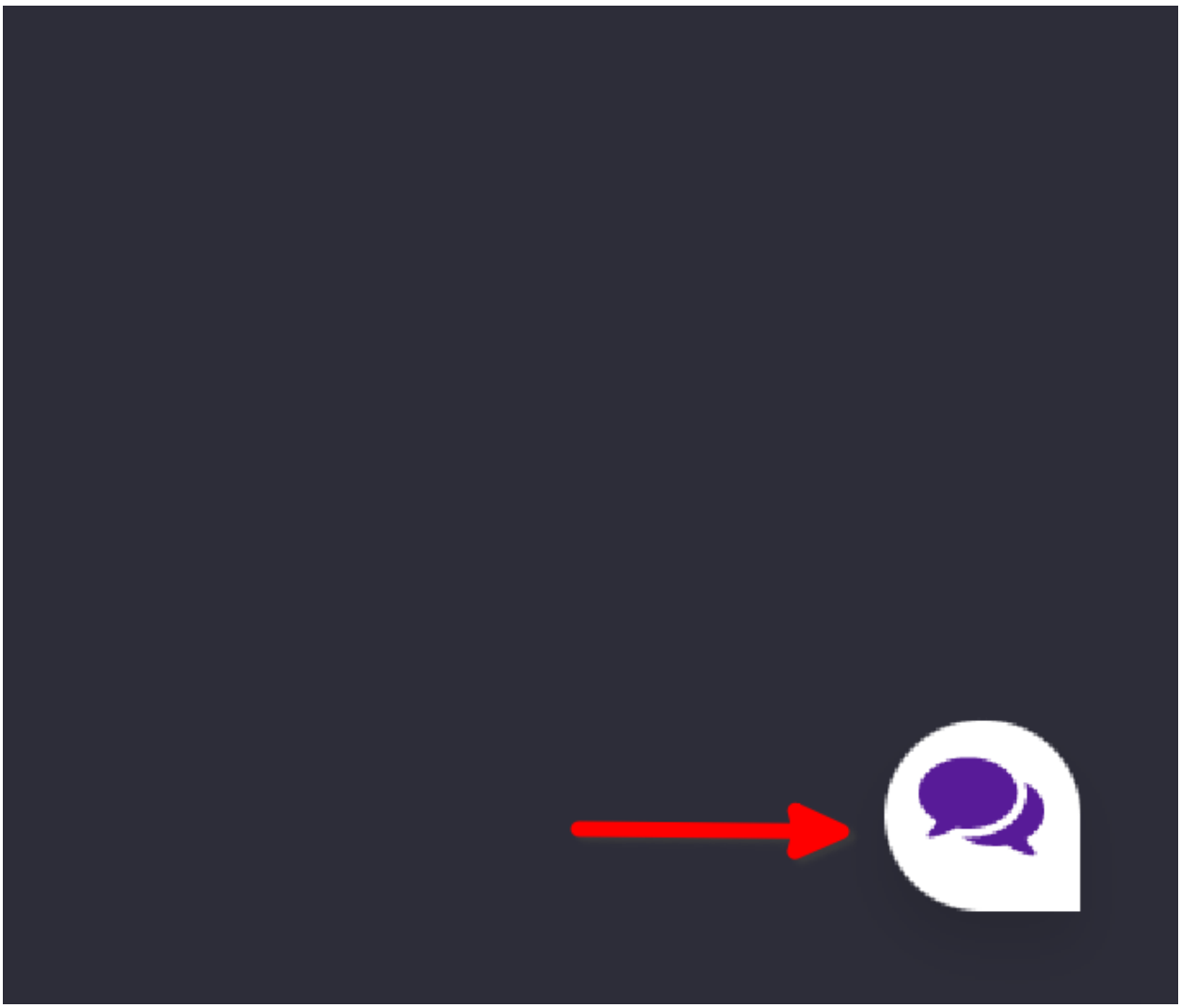
CHAPTER

FOUR

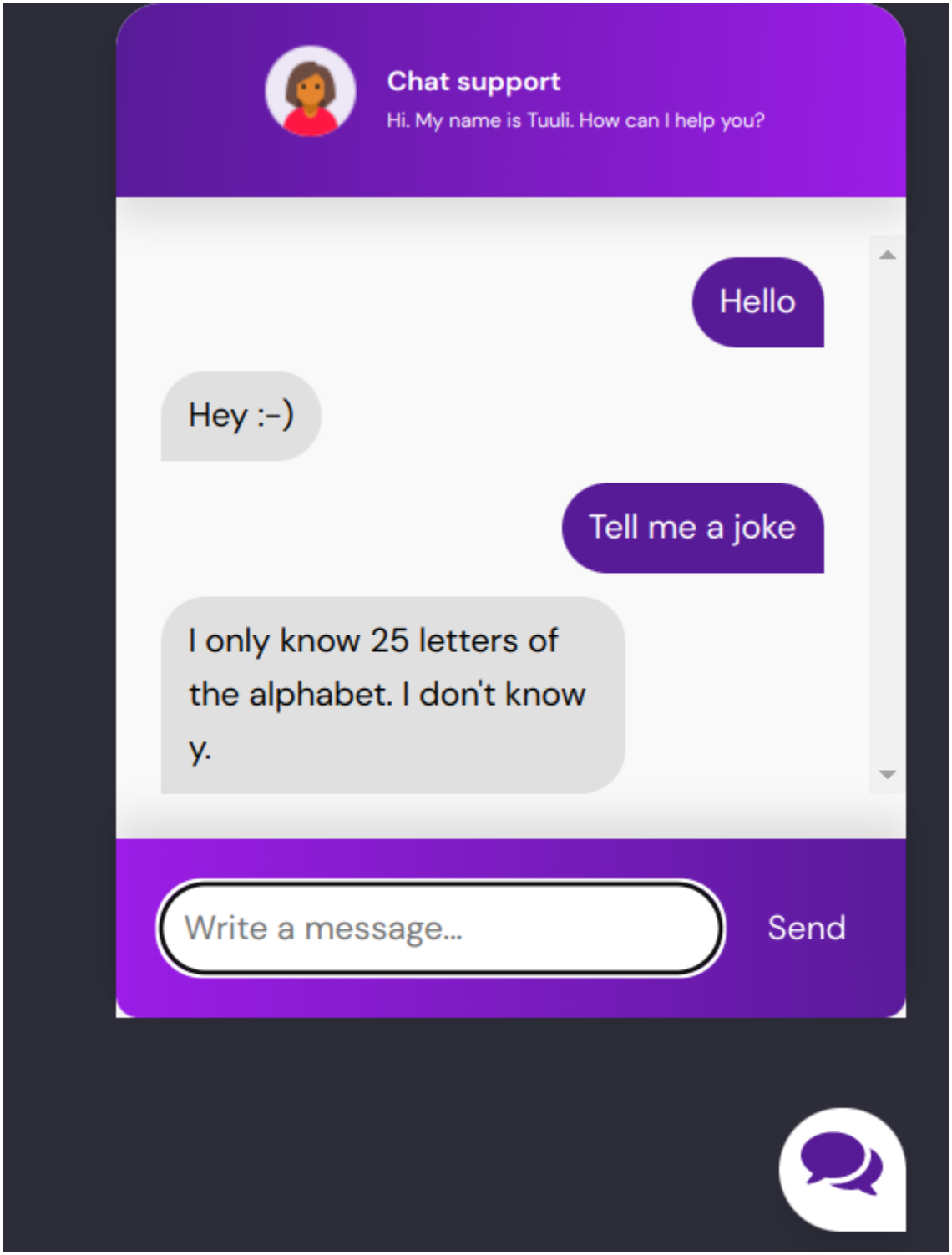
HOW TO INTERACT WITH CHAT BOT

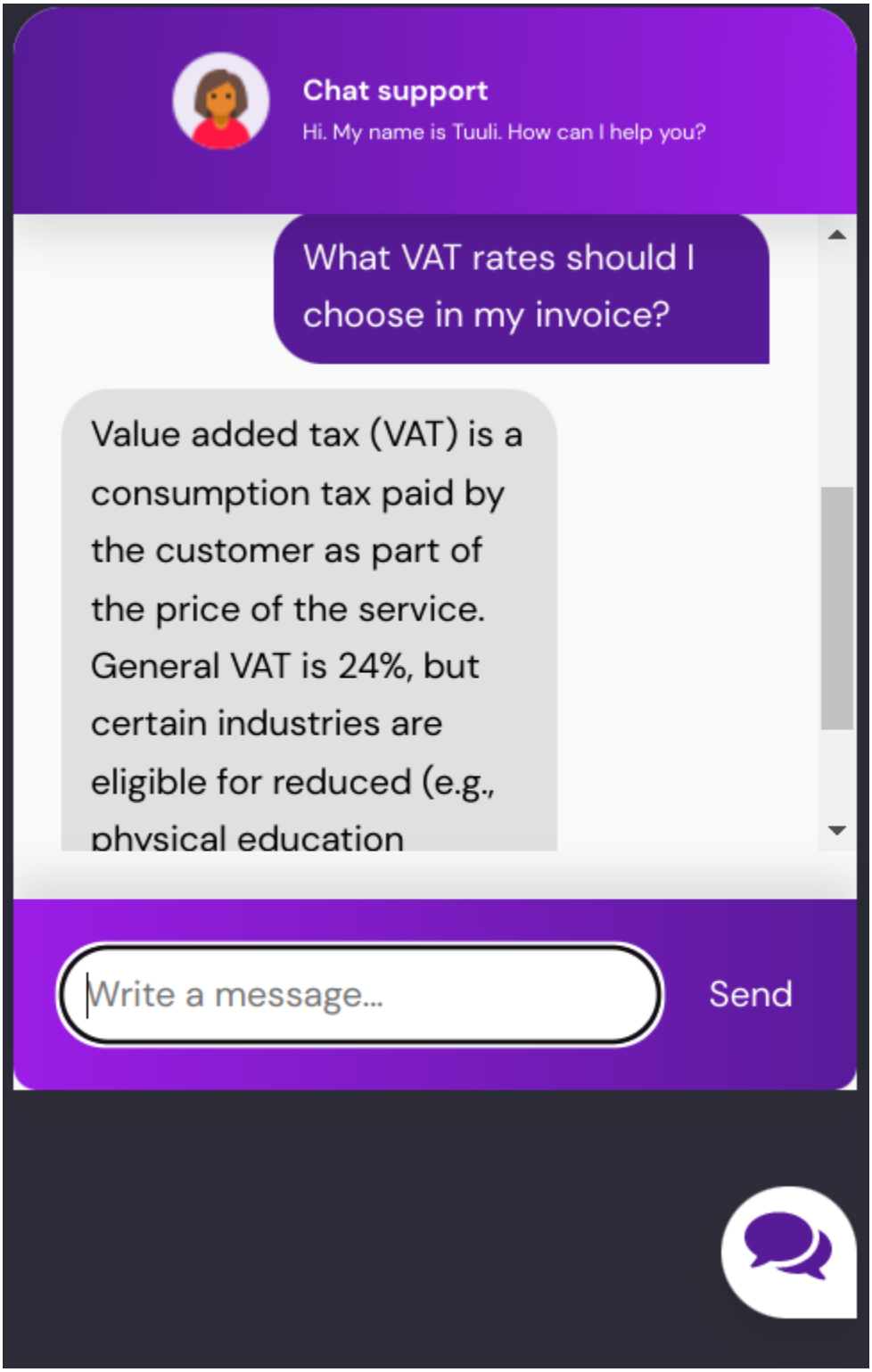
In this section, you will be shown how to make the best out of chat support.

Starting by clicking on the messages icon at the bottom right corner.



The chat support box will appear. User can start interact with chat support by sending different messages. Examples are shown below.


Chat support
Hi. My name is Tuuli. How can I help you?
Hello
Hey :-)
Tell me a joke
I only know 25 letters of the alphabet. I don't know y.
Write a message...
Send


Chat support
Hi. My name is Tuuli. How can I help you?
What VAT rates should I choose in my invoice?
Value added tax (VAT) is a consumption tax paid by the customer as part of the price of the service. General VAT is 24%, but certain industries are eligible for reduced (e.g., physical education
Write a message...
Send

CHAPTER

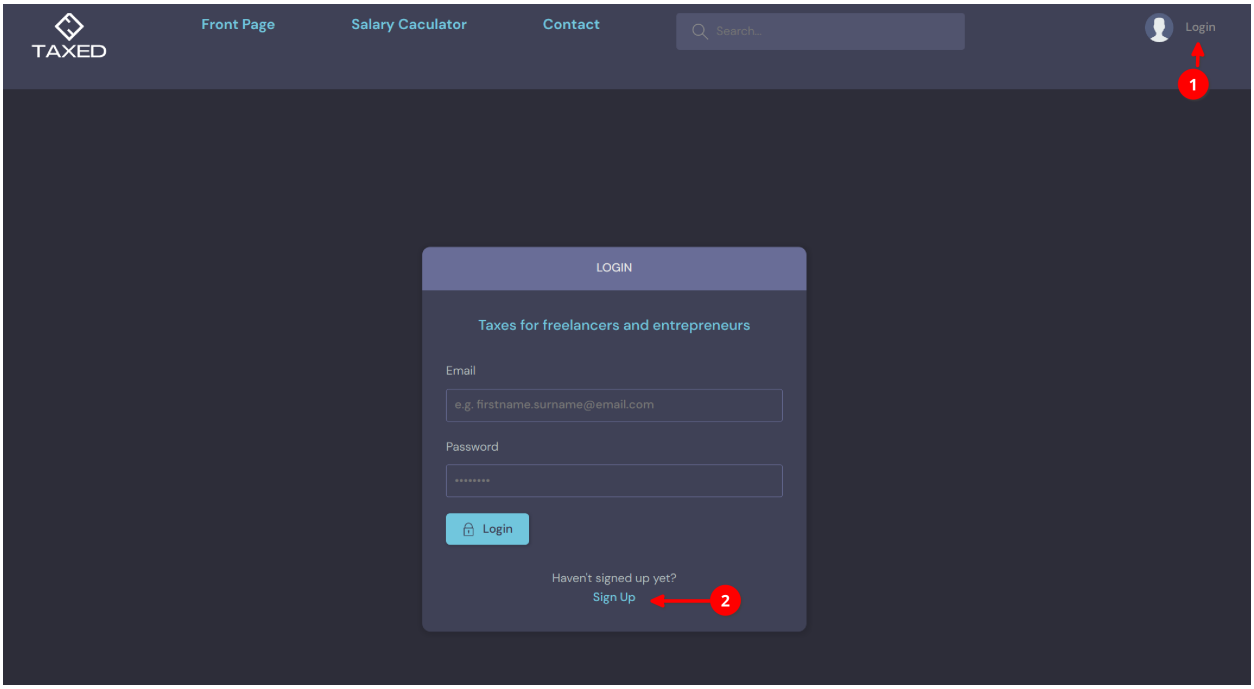
FIVE

USER REGISTRATION, LOGIN AND LOGOUT

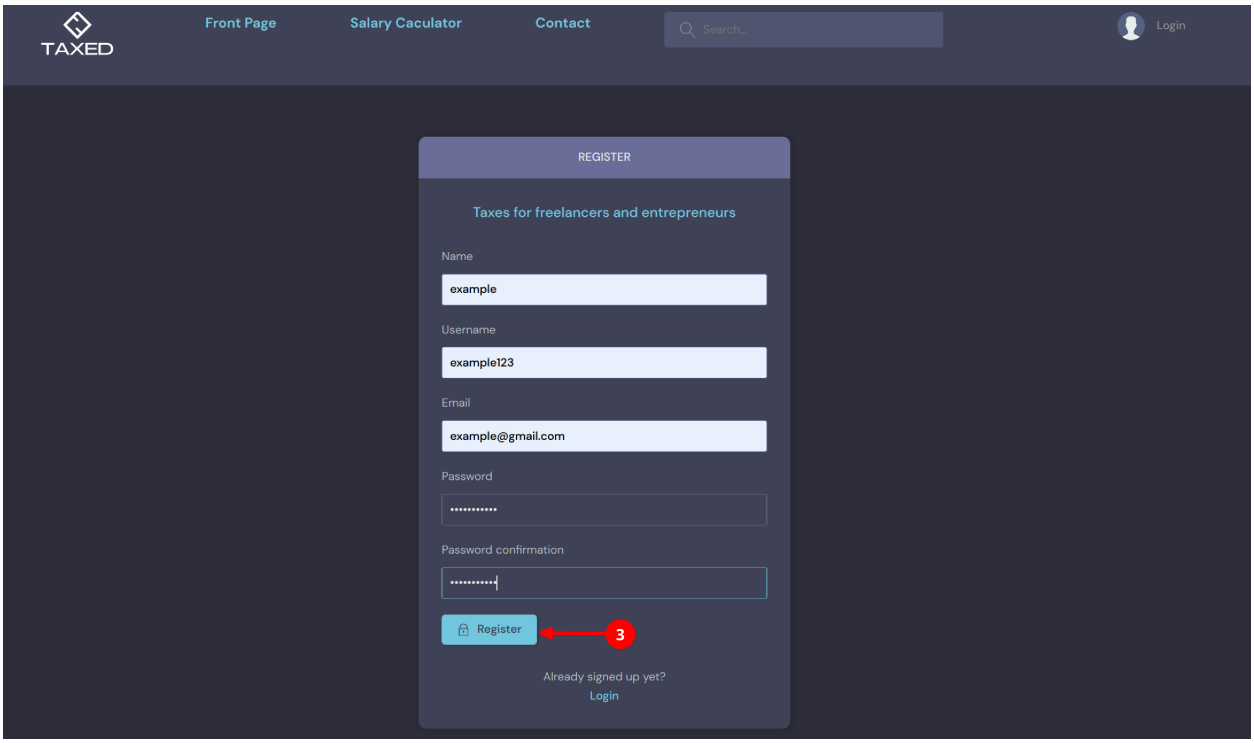
In this section, you will find information on how to create a user acount.

5.1 Not yet a user?

If you have not had an account yet, register by click on the Login on the top right corner. When a login box appears, click on sign up to start fill in information.

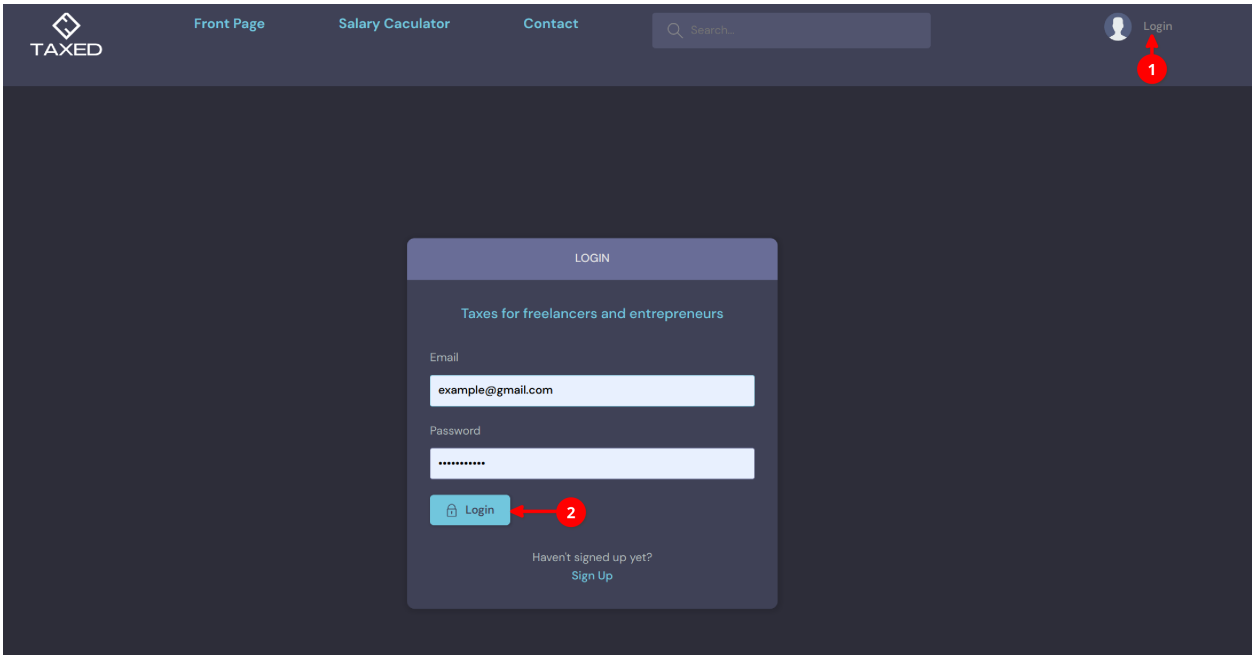


In the registration form, fill in all the necessary information such as name, username, email and password. After that, click on “register” button.

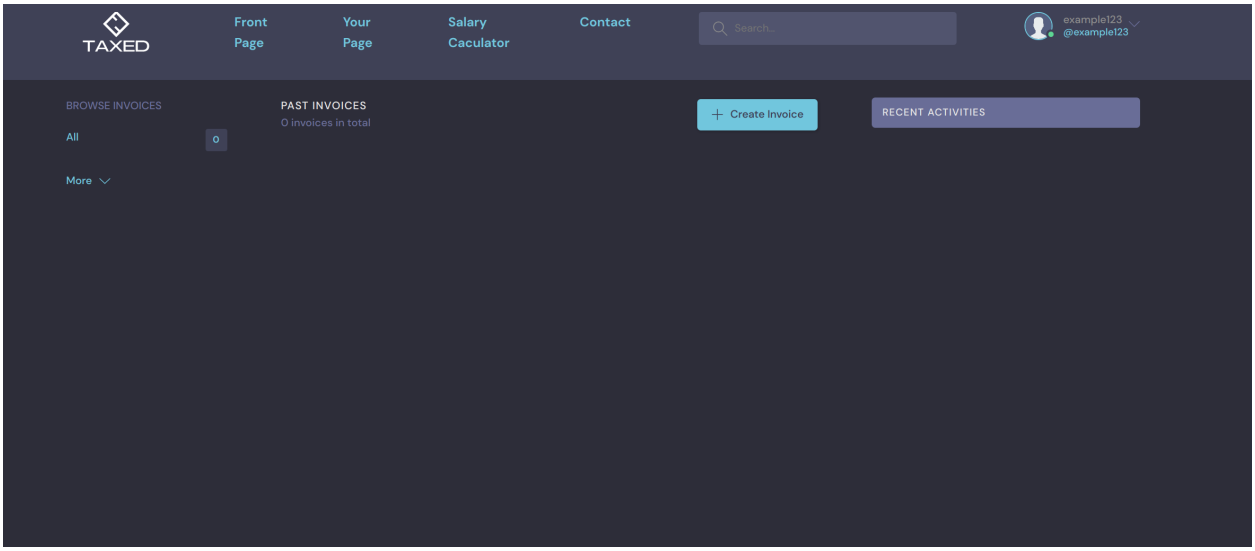


5.2 Already a user?

In case you already had an account,



Either you register new user or login, at the final step, your landing page will be as belows:

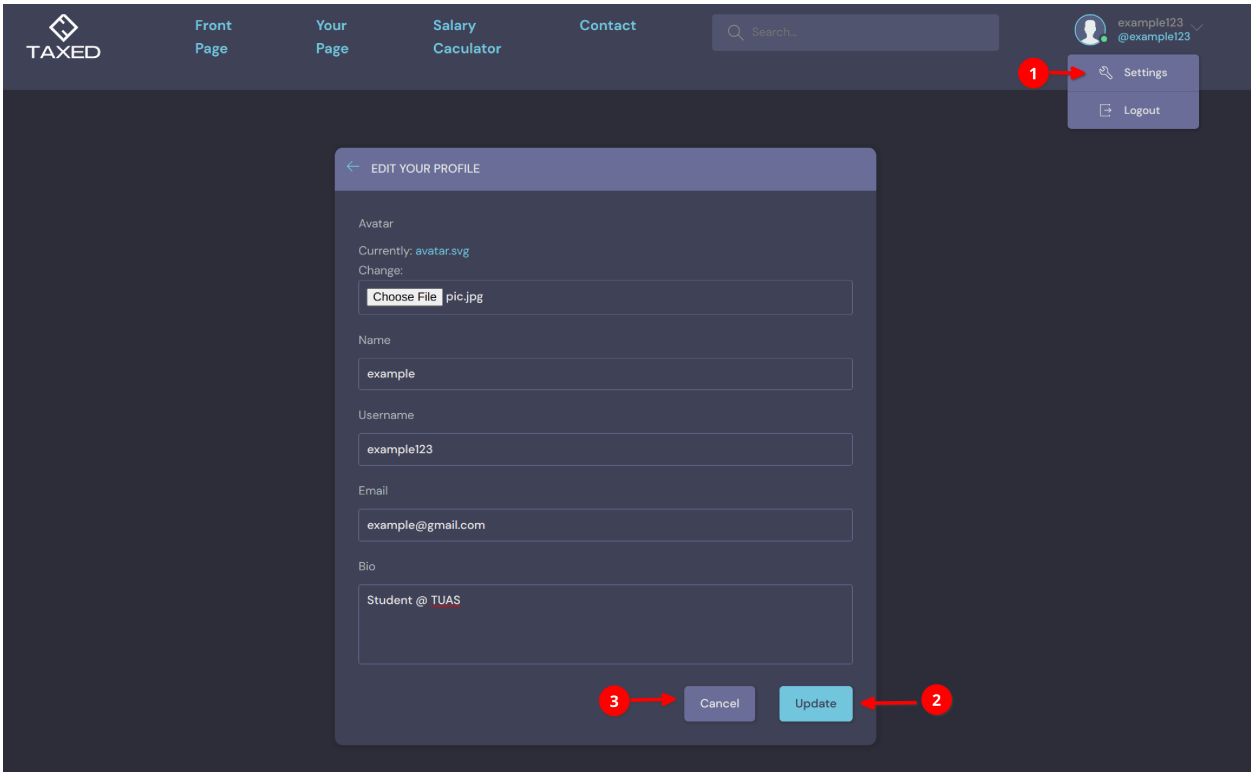

TAXED
Front Page
Your Page
Salary Caculator
Contact
Search...
example123
@example123
BROWSE INVOICES
All
0
More
PAST INVOICES
0 invoices in total
Create Invoice
RECENT ACTIVITIES

CHAPTER

SIX

HOW TO UPDATE USER INFORMATION

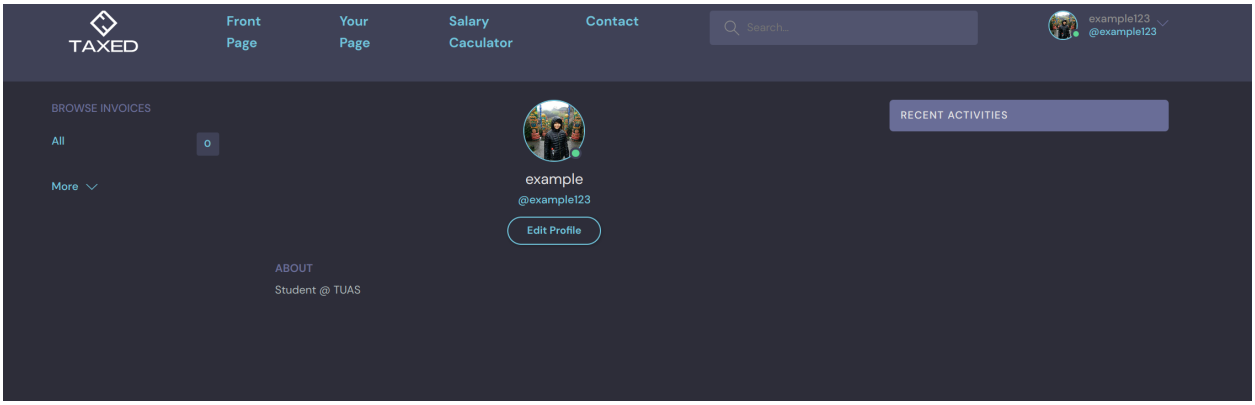
In this section, you will be guided on how to change profile picture and update bio information. First, click on the setting in our avartar logo.



Second, choose a profile picture from computer, update your name and fill in the bio section. Please note that the bio section is not allowed to be empty at this stage.

At final step, click on update to update information or cancel to go back to previous page.

If you click on update, you will land on the profile page as follows.


TAXED
Front Page
Your Page
Salary Caculator
Contact
Search...
example123
@example123
BROWSE INVOICES
All
0
More
example
@example123
Edit Profile
RECENT ACTIVITIES
ABOUT
Student @ TUAS

CHAPTER

SEVEN

INDICES AND TABLES

- search