
Taxed website

Release 1.1.0

Group T2

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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

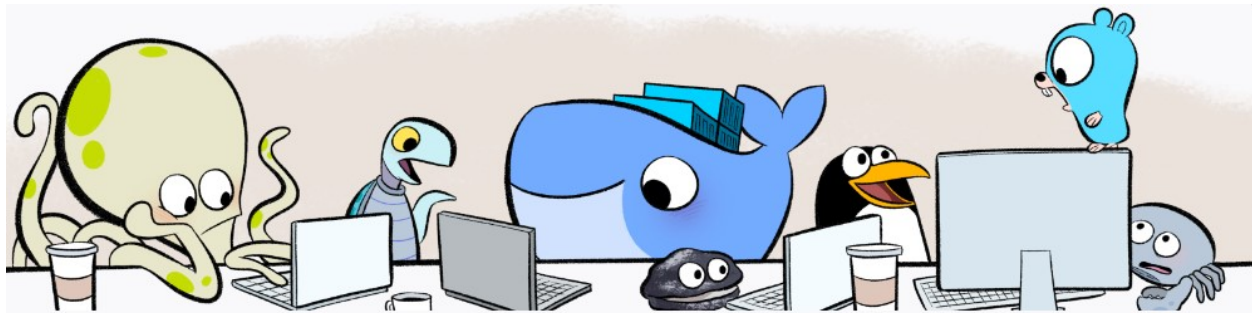
If you have not installed, please visit to <https://www.python.org/> and comeback once it is installed.

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.



Docker Subscription Service Agreement

By selecting **accept**, you agree to the [Subscription Service Agreement](#), the [Docker Data Processing Agreement](#), and the [Data Privacy Policy](#).

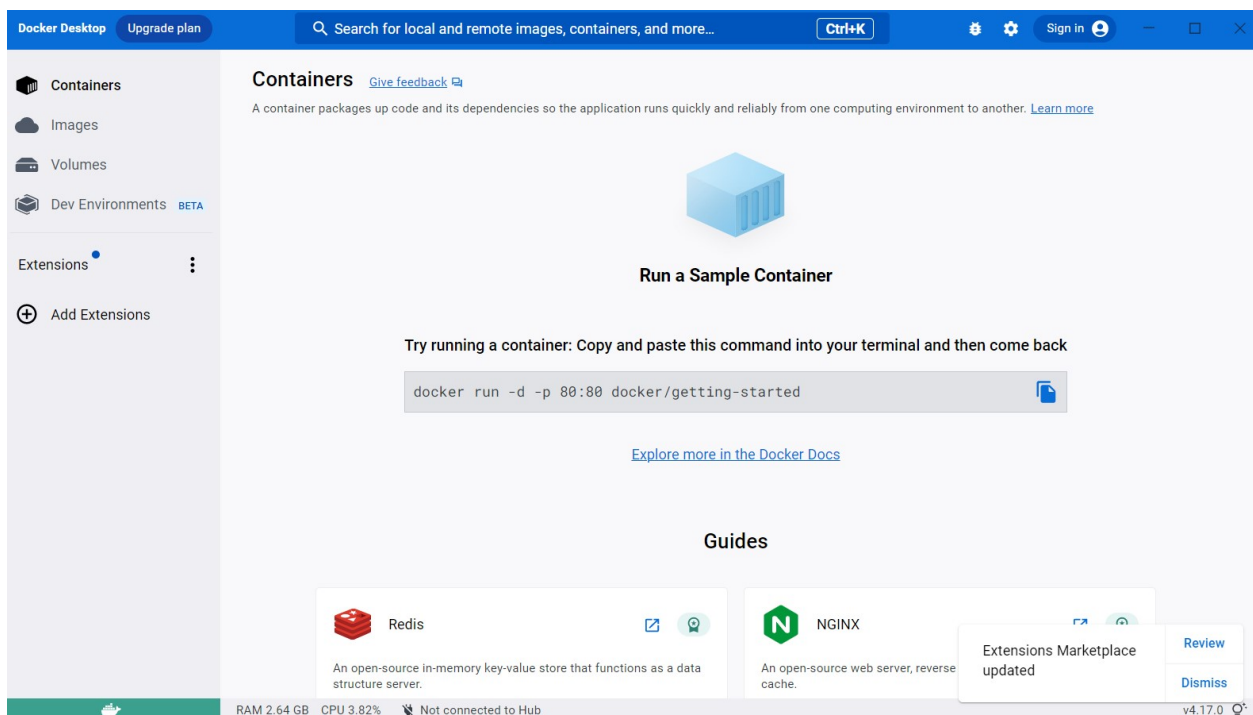
Note: Docker Desktop is free for small businesses (fewer than 250 employees AND less than \$10 million in annual revenue), personal use, education, and non-commercial open source projects. Otherwise, it requires a paid subscription for professional use. Paid subscriptions are also required for government entities. [Read the FAQ to learn more.](#)

[View Full Terms](#)

Accept

Close

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

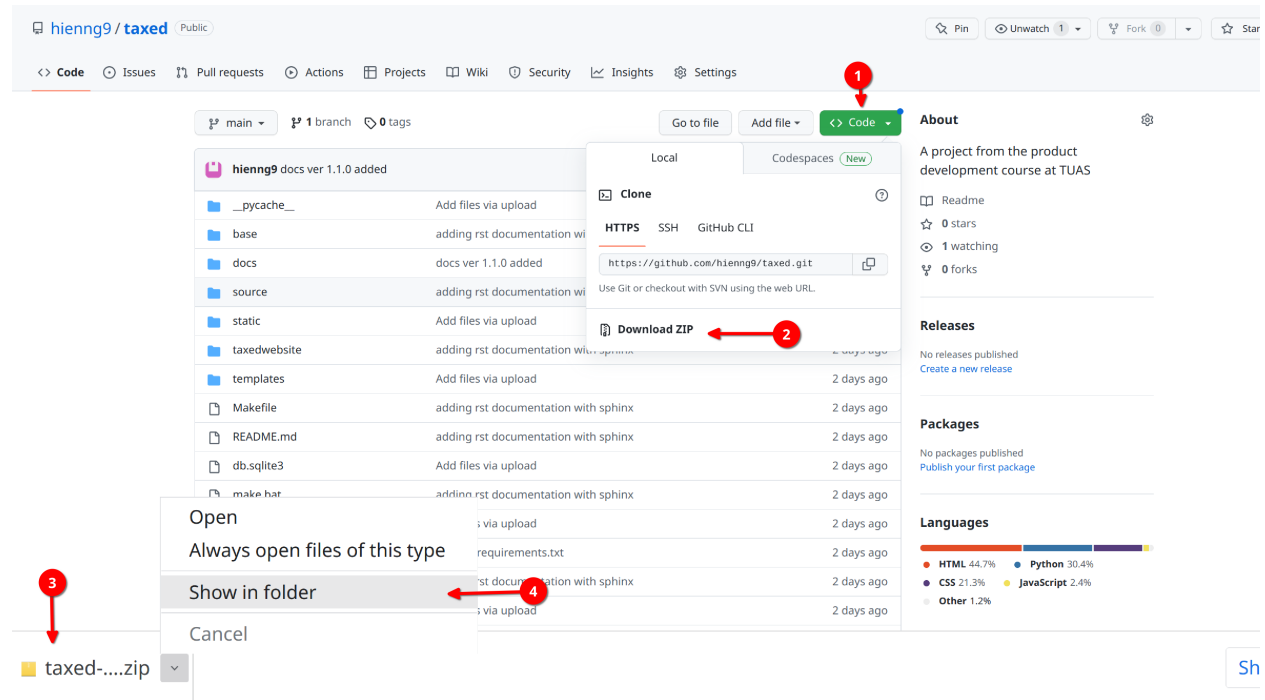


1.3 Cloning the repository

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 necessary 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 sha256:896264e2a03c08702fd443b414c8d2da9fbc71f5e051bf3e2fea2ec9b2763b61 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
Attaching to django, taxed-main-celery-1, taxed-main-redis-1
taxed-main-redis-1 | 1:C 20 Mar 2023 12:49:13.113 # o000o000o000o Redis is starting o000o000o000o
taxed-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
taxed-main-redis-1 | 1:C 20 Mar 2023 12:49:13.113 # Warning: no config file specified, using the default config. In or
```

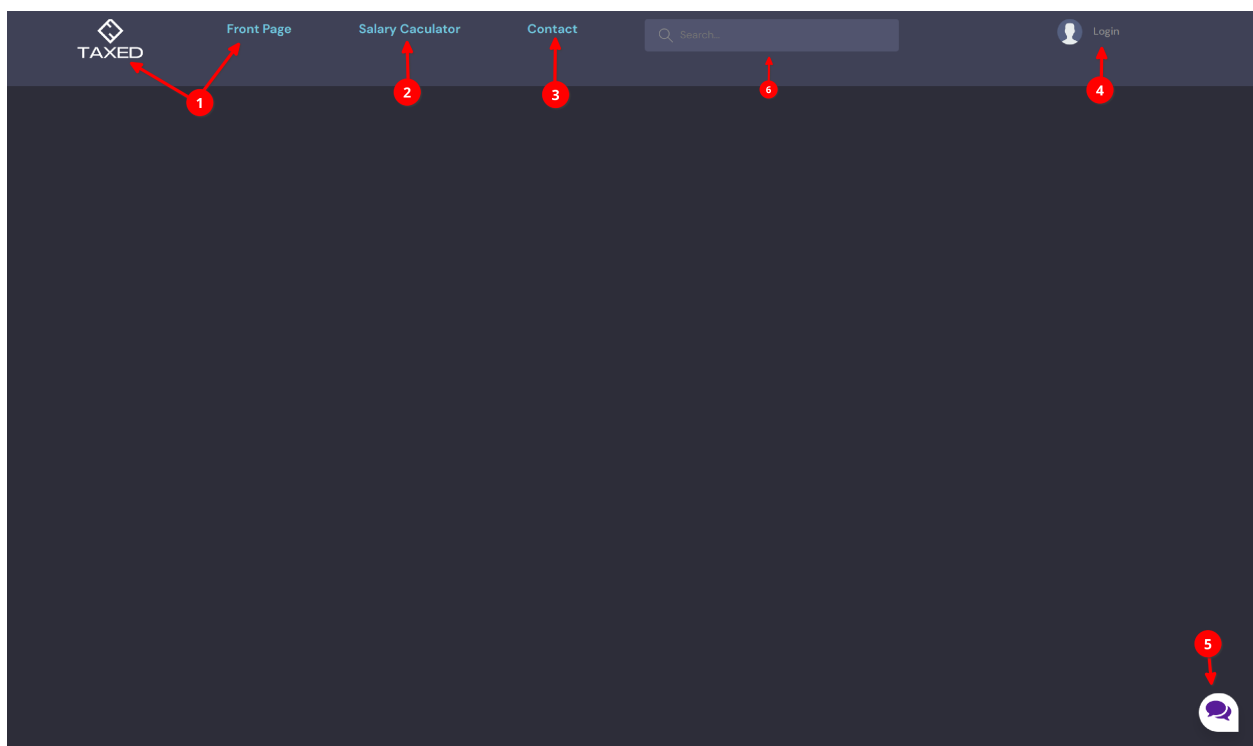
After that, open a web browser and go to <http://127.0.0.1:8000/>

Press Control-C to end the below command.

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.



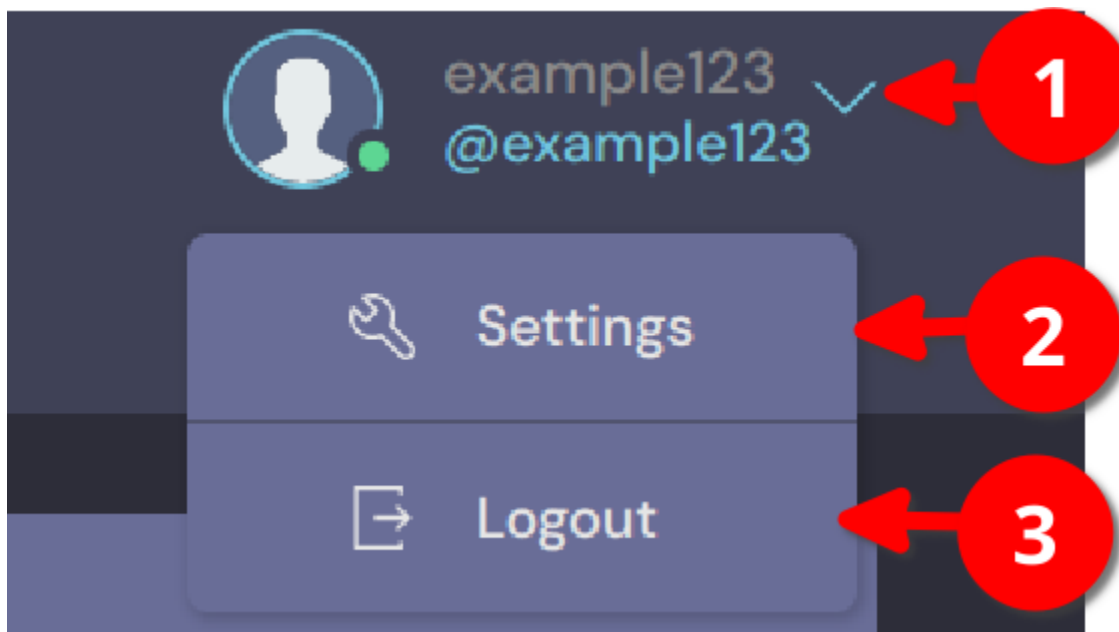
1. Click on “front page” or the logo image will lead you to the first page of the website where you can find a lot information about the company, products and services. It is right now still under construction.
2. “Salary calculator” will lead you to the income calculator where you can know how much 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.

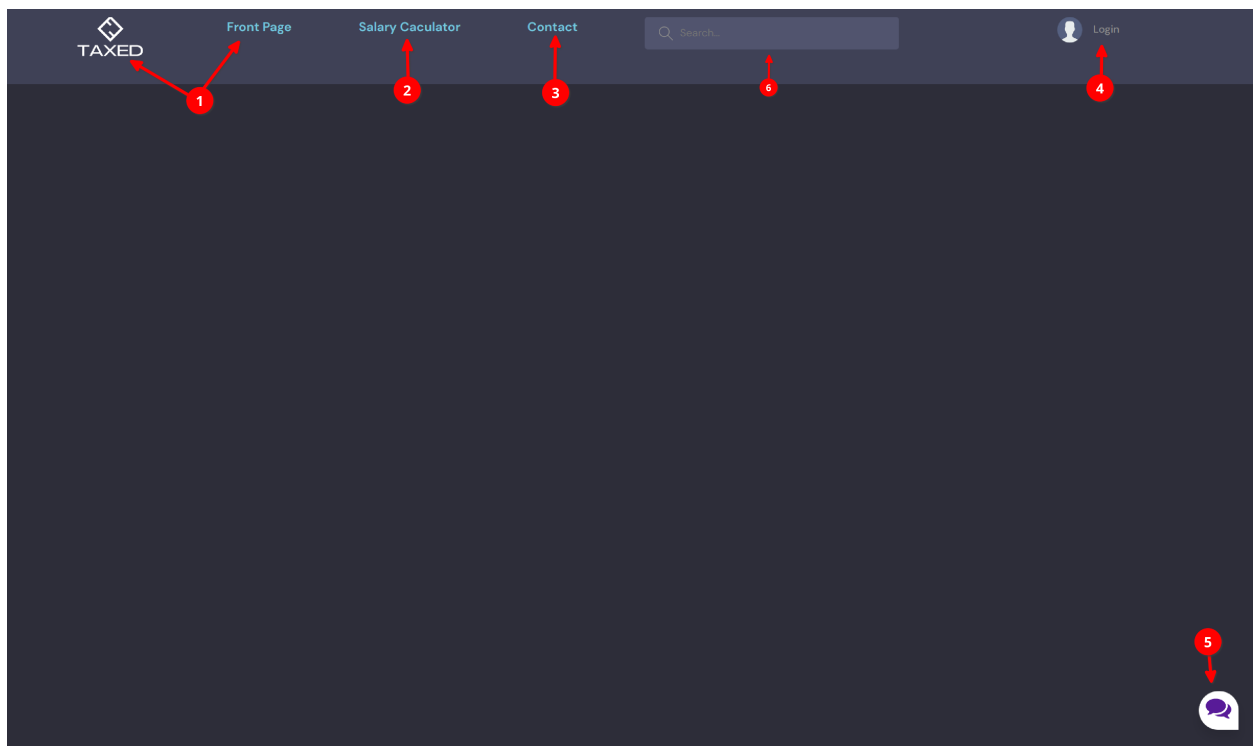
Logged in users can update their information in settings and log out.



HOW TO USE SALARY CALCULATOR

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


Head to the navigation 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 withholding 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 in 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 is 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.



[Front Page](#)[Salary Calculator](#)[Contact](#)

FREELANCER'S INCOME CALCULATOR

Use this calculator to see how much you earn after taxes and other contributions

Total amount of invoice

€

Your withholding tax percentage

%

Is VAT included in the total amount?

VAT rate

Age

years

Do you have YEL insurance? ☐

When did you start YEL payment?

ESTIMATED INCOME

Invoicing

Sum vat 24 % (gross)	3720.0 €
Sum vat 0 % (net)	3000.0 €

Deductible fees

Matkaliput alv:ton (netto)	
Travel costs	

Salary

Gross salary	3000.0 €
Withholding income tax (15.0 %)	- 450.0 €

Other fees

Commission and third party service fee (0.00 % of invoiced amount)	0.00 €
--------------------------------------------------------------------	--------

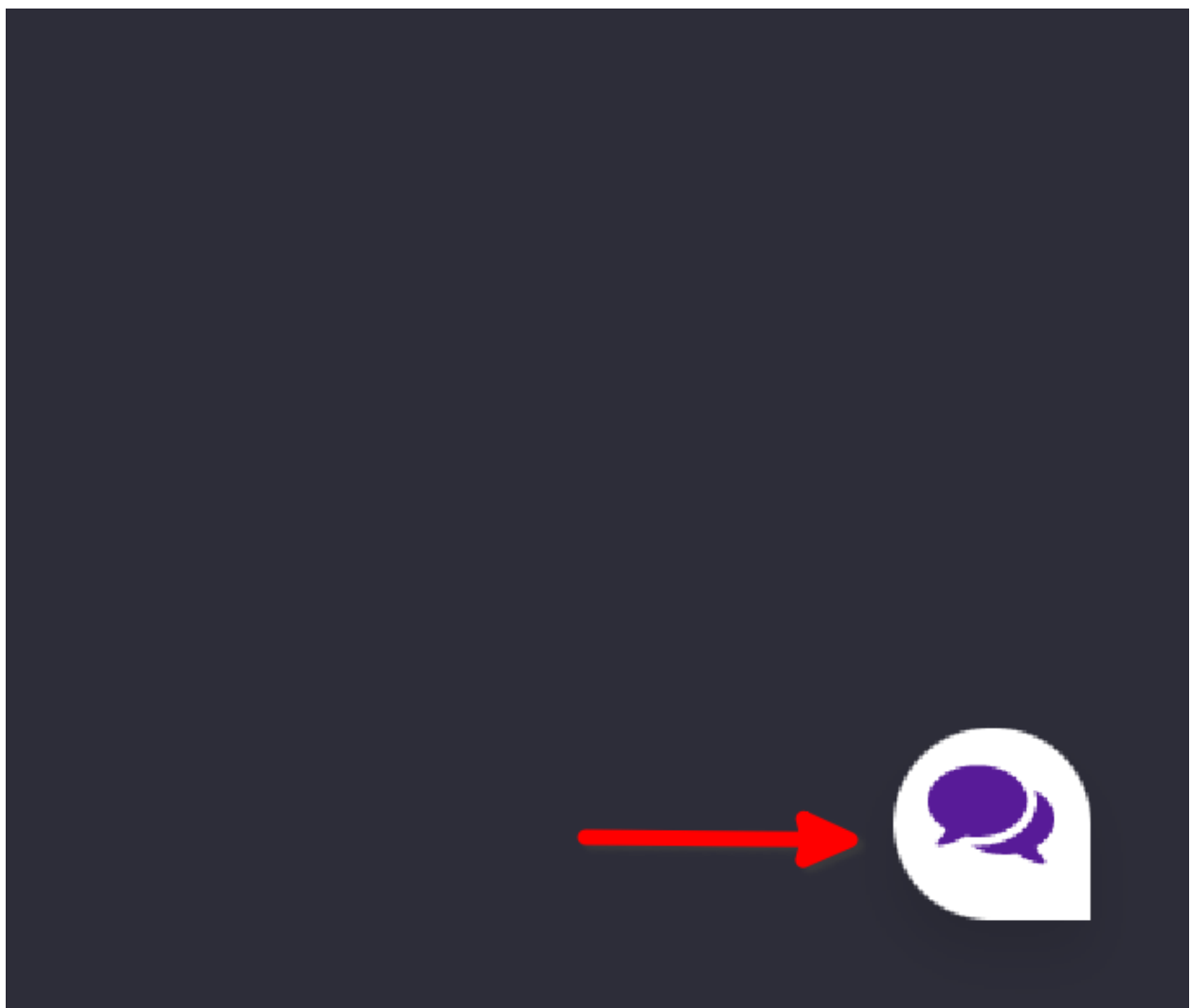
Paid to account

	2550.0 €
--	----------

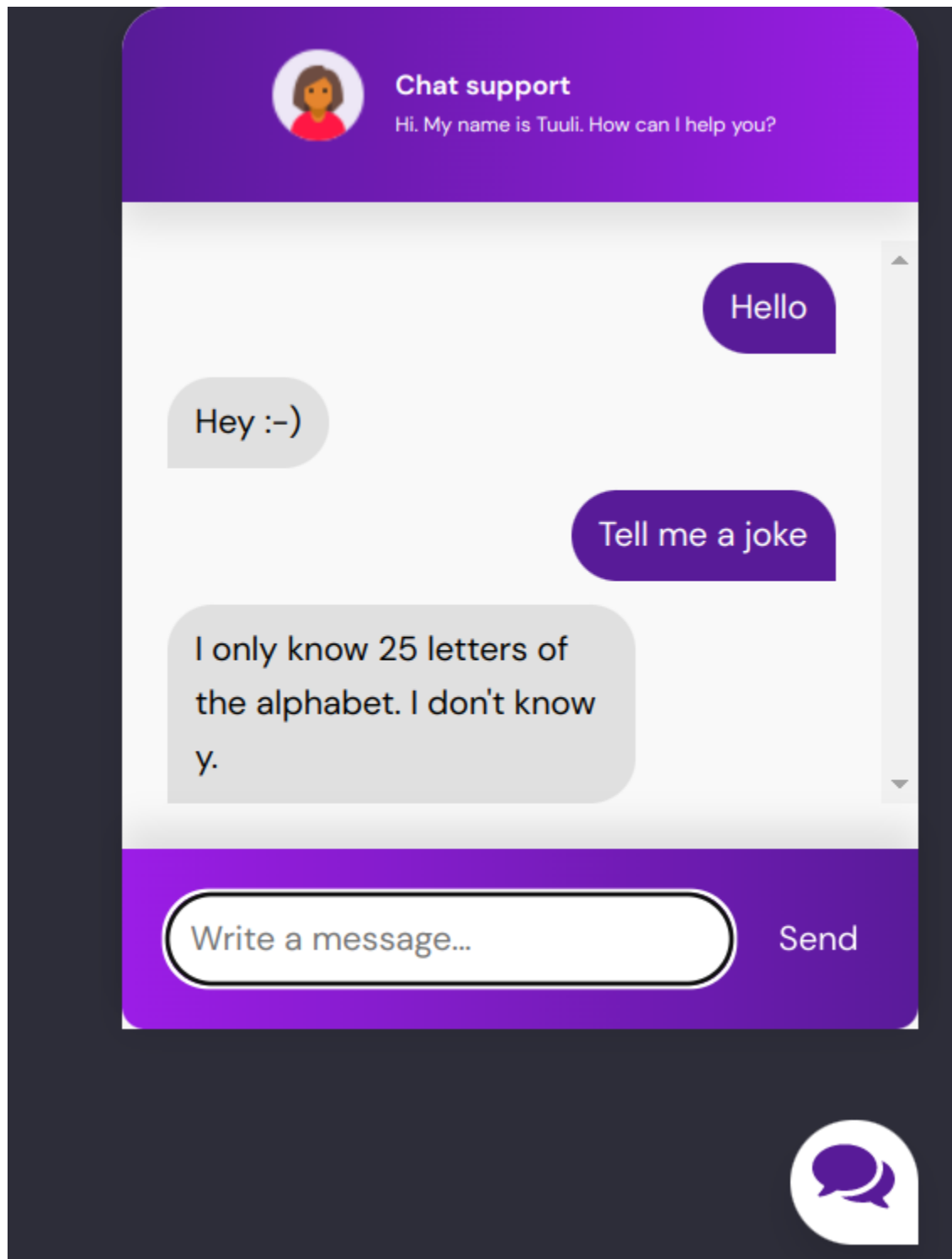
HOW TO INTERACT WITH CHAT BOT

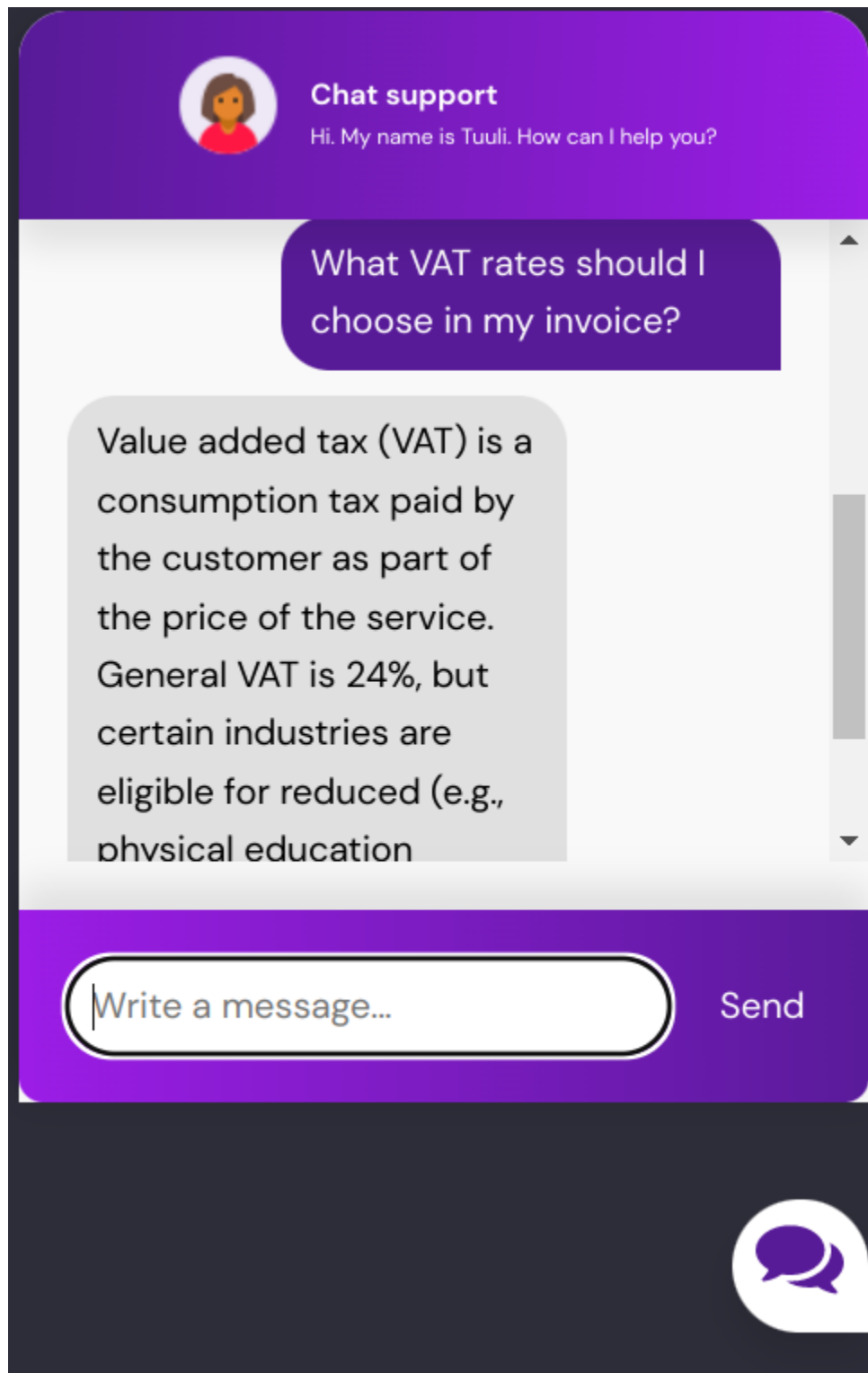
In this section, you will be shown how to make the best out of chat support.

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.





USER REGISTRATION, LOGIN AND LOGOUT

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

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.

The screenshot shows the TAXED website interface. At the top, there is a navigation bar with links for 'Front Page', 'Salary Calculator', and 'Contact'. A search bar is also present. On the right side of the navigation bar, there is a 'Login' button with a user icon. A red arrow labeled '1' points to this button. Below the navigation bar, the main content area displays a 'LOGIN' modal. The modal has a title 'Taxes for freelancers and entrepreneurs'. It contains two input fields: 'Email' (with a placeholder 'e.g. firstname.surname@email.com') and 'Password'. Below these fields is a 'Login' button. At the bottom of the modal, there is a link 'Sign Up' with the text 'Haven't signed up yet?' above it. A red arrow labeled '2' points to the 'Sign Up' link.

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

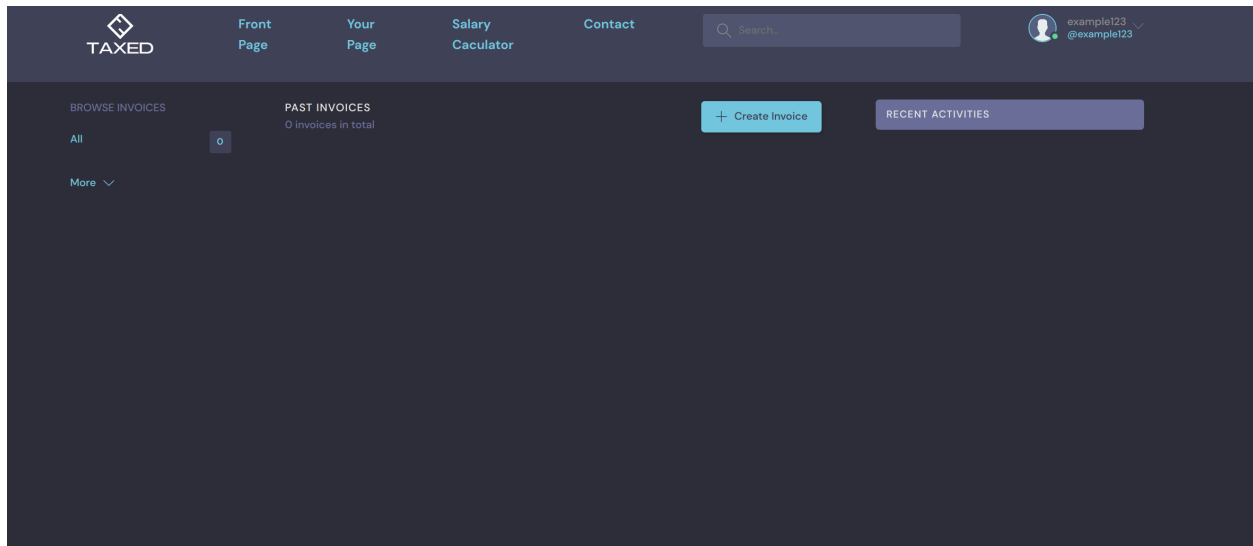
The screenshot shows the TAxED website's registration form. The header includes the TAxED logo, navigation links for 'Front Page', 'Salary Calculator', and 'Contact', a search bar, and a 'Login' link with a user icon. The registration form is titled 'REGISTER' and 'Taxes for freelancers and entrepreneurs'. It contains input fields for 'Name' (example), 'Username' (example123), 'Email' (example@gmail.com), 'Password' (masked with dots), and 'Password confirmation' (masked with dots). A red circle with the number '3' highlights the 'Register' button. Below the button, there is a link 'Already signed up yet? Login'.

5.2 Already a user?

In case you already had an account,

The screenshot shows the TAxED website's login form. The header is identical to the registration page. The login form is titled 'LOGIN' and 'Taxes for freelancers and entrepreneurs'. It contains input fields for 'Email' (example@gmail.com) and 'Password' (masked with dots). A red circle with the number '2' highlights the 'Login' button. Below the button, there is a link 'Haven't signed up yet? Sign Up'. Additionally, a red circle with the number '1' highlights the 'Login' link in the top right header.

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



HOW TO UPDATE USER INFORMATION

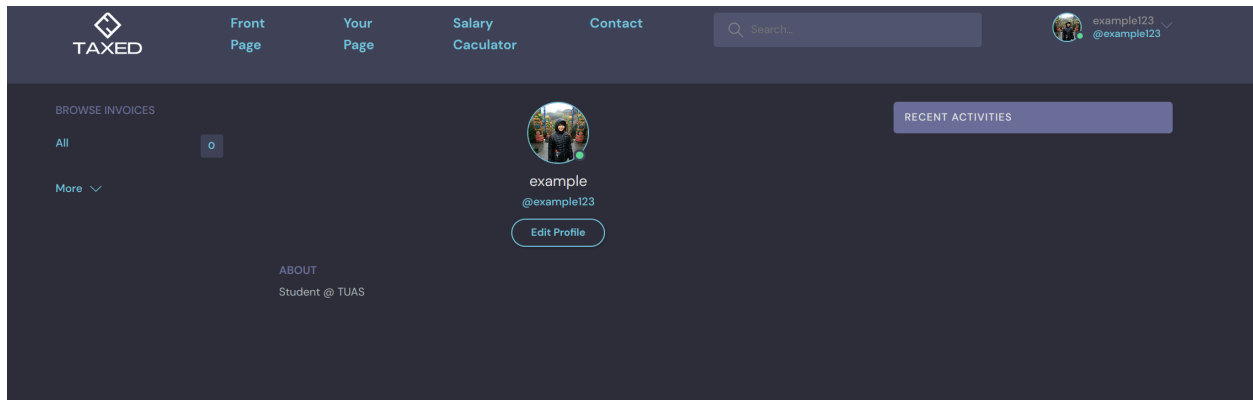
In this section, you will be guided on how to change profile picture and update bio information. First, click on the setting in our avartar logo.

The screenshot shows the 'EDIT YOUR PROFILE' modal in the TAXED application. The modal is centered on a dark background. It has a title bar with a back arrow and the text 'EDIT YOUR PROFILE'. Below the title bar, there are five sections: Avatar, Name, Username, Email, and Bio. The Avatar section shows 'Currently: avatar.svg' and a 'Change:' section with a 'Choose File' button and 'pic.jpg'. The Name field contains 'example', the Username field contains 'example123', and the Email field contains 'example@gmail.com'. The Bio field contains 'Student @ TUAS'. At the bottom right of the modal are 'Cancel' and 'Update' buttons. Red numbered callouts are present: '1' points to the user profile icon in the top right navigation bar, '2' points to the 'Update' button, and '3' points to the 'Cancel' button.

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.



INDICES AND TABLES

- search