

INGOT Brokers

We have formulated an assignment to test your technical knowledge. Carefully read the assignment to know what to do and what not to do.

Complete the assignment. Put your code on **GitHub** or **Bitbucket** and send us the link to your repository where we can find both the source code.

Please make sure that we can run the code on our computers by including a readme file. The application should build on the **Laravel Framework 8.x or higher**. This means you **cannot use any other back-end Frameworks or Package**.

Expectations

- Clean, documented and well-executed code.
- Best practice development techniques utilized.
- Early delivery earns extra points.

Technology needed

- Laravel 8.x or higher.
- Any JavaScript chart library.
- PHP 8.0+.
- Cache.
- PHPUnit test.
- Docker is plus.
- Any SPA framework (Vue, React, Angular) is plus.

You are free to think about which breakpoints you want to support

Assignment

Create a **role-based system (user, admin)**; let us call it "**Refer & Earn App**", which allows only registered users with "**user**" roles and after registration the user will be created with an **E-Wallet**.

Each user will have a **unique referral link on registration**, whereby the user can publish the link to get more clients register.

The registered user can get leads and earn points to their E-Wallet based on the following schema:

- 1 – 5 clients, they will 5 points / new account.
- 6 – 10 clients, they will get 7 points / new account.
- More than 11 clients, they will get 10 points / new account.

Your application should contain the following pages:

Registration page (one page)

- Name (required)
- Email (required, unique, valid email)
- Phone Number (required, unique)
- Birthdate (optional)
- Password (required, min 8 characters letters & numbers)
- User image (required, max size 5MB)

Login page (one page)

- Phone number
- Password

User Page - Dashboard (one page)

The users will get some data as the following:

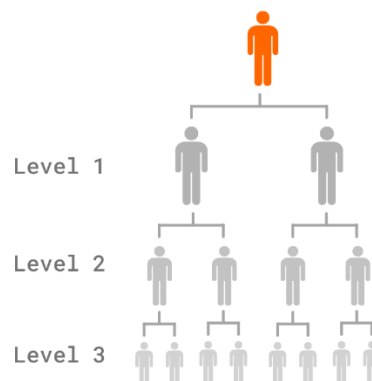
- Number of **unique** visitors that view the user referral link and **number of total views**.
- **Total points** earned from referring users
- The **Referral link**.
- A daily chart that contains the **number of earned points** (display last 14 days (about 2 weeks)).

User Page – My Clients (one page)

- **Users list** that registered through the user referral link **AND** list of **all users that registered from my referrals** and to display it in HTML table

Example: If user X gets A AND B users, A user gets C AND E ..., the X user will be able to see all Tree.

In the below screenshot, the user in the orange color will see the clients in the levels 1, 2 and 3



Admin Page (one page)

It should contain

- HTML table that displays a list of registered users with the following columns (Name, Email, registered date, Number of referred users, total points earned)
- Manage users.