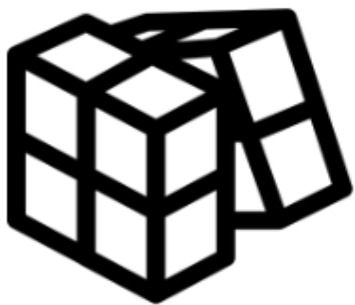


You've been challenged!

GBM

How it works



Analyze the challenge
& **create** your own
solution



Share it with the
GBM Team



The **GBM Team** will
review it & if your
solution is impressive
we will invite you to
meet us.

GBM Back-End Challenge

Get Ready!

- A. You'll need your **computer** set up for development!
- B. Read the **instructions** and **requirements** for the challenge.
- C. You have up to **7 days to submit** your solution, keep in mind that we would like you to submit your best work and something you are really proud of.
- D. Please use **Git** to version your changes and make sure to include the **.git directory** with your submission. If you want to keep your code private, you can create a free account on Bitbucket.

*Should you need more time? Please let us know and we will work with you.

Keep this in mind..

- It's not required to complete all the levels.
- The developed levels will be evaluated.
- Implementation of basic development concepts (SOLID).
- Use of design patterns.
- Unit tests.
- Documentation.
- Security.

Let's get started!

“Shome The Money”

- ❑ A taxi company has generated a new feature for its customers, which allows track down in real time where the vehicle is located.
- ❑ Currently already has the website / mobile app, so your support is required to generate the back through the use of APIs with which you register and check the current position of the vehicle. You can work with general positioning data (geographic coordinates).

Level 1 – “Piece of Cake”

☐ Create a position that allows operations

- Record the position of the vehicle.
- Consultation of the position of the vehicle.

* Additional it's necessary to generate the data model that allows to register the position and save the historical.

Level 2- “Let’s Rock”

- ❑ Instead of performing the position query (polling) of by the clients, notify the interested parties in real time at each position update.

* Tip: WebHook



Use your imagination and creativity to WOW us!

About GBM

piggo

www.piggo.mx

GBMfondos

www.gbmfondos.com.mx

GBMhomebroker

www.gbmhomebroker.com

GBM is the leading Wealth & Asset Management and Private Banking organization in Mexico with over 35 years of experience. Technology is the biggest driver of our success and we are on a mission to expand our platform and digital services to enable smart finance for millions of users globally.

We have experienced exponential growth with our products and team members, while creating and fostering a entrepreneurial and challenging workplace.

About the Team

We are a young community with innovate ideas and solutions. A team of creatives, collectives, owners, and dreamers, and of course, we know how to have fun! We believe the best idea wins and are always looking to bring it to life.

Perks of Working at GBM

- **We invest in the development of our talent.** Trainings & attendance to conferences summits, etc. of all sorts regarding the employees role and it´s link with the teams and company´s strategy.
- **Casual dress code.** Because we want you to feel comfortable at work!
- **Shorter Fridays** with the workday ending at 3PM
- **Choose the schedule that best suits your lifestyle** with flexible work hours within the business schedule
- **Recognition programs** focused on enhancing the work culture and objective key results achievement
- **Wellness:** with special discounts for gym, restaurants, shops, entertainment, events, plus complimentary personal health initiatives, such as mindfulness and meditation clases.
- Unlimited gourmet organic **coffee**.
- Quarterly team-building **social events**.