

## **Backend Developer Home Assignment @ Rise**

Please find below the instructions for the Backend Developer home assignment and read them carefully.

If you have any questions please don't hesitate to contact Dedi at the following Email -

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**Main objective:** Create a phone book - Web Server API

### **Instructions:**

#### **General:**

- The app should be a simple phone book (contacts) like any contacts book on your personal phone
- It should be a clear and simple API service
- There is no need for a UI, we'll mainly focus on the backend implementation.
- The server should be written in any backend oriented programming language.
- Consider scale, error handling, logs, tests, etc...
- Please use docker.

#### **Expected features:**

- Contact should include - first name, last name, phone, and address
- The service API should include:
  - Get contacts - with a maximum of 10 with a **pagination feature**
  - Search contact
  - Add contact
  - Edit contact
  - Delete contact

**README:** Please add proper run instructions and API documentation to your code.

Bonus: Write the code using **Golang**.

**Further notes:** ★ Add any feature you'd like, just like you're creating a real service. ★

Please use Github for handing over the assignment.

**Feel free to ask any questions. Good Luck :)**