Please find the assessment details below.

IBAN Number (International Bank Account Number) Validation Web Application

Create a web application that verifies the validity of IBAN numbers.

Required Features:

- User Registration:
    - Users must sign up with the application in order to use the IBAN validator.
- User Login and IBAN Entry:
    - Once logged in, users should be directed to a page where they can enter an IBAN number.
- IBAN Validation:
    - The system must validate whether the entered IBAN is valid or not.
- Data Storage:
    - The IBAN number should be saved in the database if it is valid.
- Admin Login:
    - The admin should be able to log in to the application using their credentials.
- Paginated List of IBAN Numbers:
    - The admin should have access to a paginated list displaying all the entered IBAN numbers.

Note:

Do not utilise third-party libraries for IBAN validation. You must implement the validation logic yourself.

Technologies:

- PHP
- Vue JS (or any other single-page application framework)
- Any database service can be used.

Instructions for the Technical Assessment:

- API Project and Frontend Project:
    - Develop an API project and a separate frontend project using industry best practices and coding standards.
- Error Handling:
    - Implement proper error handling in both the frontend and backend components of the application.
- Git Commits:
    - Use meaningful comments in your Git commits to clearly and concisely explain your changes.

Deliverables:

- Git Repository:
  - Provide a Git repository containing the code for both the API and frontend projects.
- Readme File:
  - Include a Readme file with instructions on how to run the application.]
- Design Document:
  - Include a design document detailing the architecture and design choices made during the development of the application.