

Untitled

Job application test task v2

LBX test task

Global requirements

- use a php framework / toolstack you are familiar with
 - php: object oriented programming, php v8.1+ if possible
 - use mysql/mariadb database
 - bundle a `README.MD` containing instructions on how to run and use your app
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In general

You can scratch conceptional stuff that you would normally implement for the given task (security code + domain structures, performance optimizations) in your own `readme.md` or in code comments

Focus on code structure / readability / robustness / scalability

Create an employee batch import + management REST API

Create the entity:

Employees should be represented by a data model with proper data types containing these fields taken from the `import.csv` :

[import.csv](#)

- Employee ID (unique Identifier)
- User Name
- Name Prefix

- First Name
- Middle Initial
- Last Name
- Gender
- E-Mail
- Date of Birth
- Time of Birth
- Age in Yrs.
- Date of Joining
- Age in Company (Years)
- Phone No.
- Place Name
- County
- City
- Zip
- Region

Batch processing API:

Create an endpoint `POST /api/employee` accepting CSV files. Keep in mind those files can be huge and must work reliably. The provided `import.csv` provided must be processible with your api.

[import.csv](#)

This endpoint should be able to handle the following example request with the csv file provided.

```
curl -X POST -H 'Content-Type: text/csv' -d @import.csv http://{yourapp}/api/employee
```

REST API's

Realize classic RESTful API's for employee management:

- `GET /api/employee`
- `GET /api/employee/{id}`
- `DELETE /api/employee/{id}`

Output should be `JSON`

Thoughts

We know that you don't want to spend ages on this task. But please tell us what you would have done different/additionally if this would have been a real work task scenario. We're really curious about your thoughts

Submitting your results

Please package your results and omit composer/3rd party deps to reduce file

size. You don't need to submit test data files, we'll use the import.csv provided.

[questionnaire.xlsx](#)

Send the **task package** and the processed **questionnaire** to d.paasche@local-brand-x.com

!! Please make sure to include instructions on how to setup your app, the database etc. !!

Contact me in case of questions.