

# Full-stack Software Engineer test

Having the following:

- 2 databases - MongoDB and PostgreSQL
- CSV files with test data for both databases are attached

The task is to develop:

- A script (Golang or Python preferred) to initialize the databases and populate them with the data from the CSV
- A simple web application to display this data

## Acceptance criteria

### As a User

When I open the `/orders` page

Then I should see the list of all customer order

And I should be able to search orders by part of the order or product name<sup>2</sup>

And I should be able to filter orders by date range (Melbourne/Australia TZ)

And I should see maximum 5 orders per page

And I should be able to switch between pages

And for every order the following information should be displayed:

- Order name
- Customer Company name

- Customer name
- Order date (Melbourne/Australia TZ)
- Delivered amount (dash if nothing is delivered)
- Total amount

Q Search

christmas

Created date

Start date

End date

Total amount: \$198.23

Order name	Customer Company	Customer name	Order date	Delivered Amount	Total Amount
#C19190 Christmas	Sony Ericsson	Dr. Harold Senger	Apr 23rd, 4:18 AM	\$99.11	\$99.11
#D7F7DB Christmas	Comedy Central Inc	Waylon Beahan V	Apr 23rd, 4:20 AM	\$99.11	\$99.11

Total 2

25/page

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## Tech requirements

- UI should be implemented as a single page web application using Vue.js
- Backend application should be implemented in Golang
- Solution should be scalable (to thousands of data entries)
- There should be a Readme file with clear setup instructions
- (Bonus) Unit / functional / integration tests

Please upload the completed solution to a hosted source repository (on GitHub, GitLab or similar).