

Dear Alexander Pronin

We are happy that you like to participate in our third round interview.

For this interview you should prepare the following assignment in the next two days. You are going to present the result during a review in our next meeting.

The interview procedure:

1. You will have enough time to solve an exercise and prepare a presentation.
2. For the review we are going to introduce some team members.
3. Please include the following points into your presentation:
  - Accessing remote APIs
  - Implementation-Strategy
  - Testing-Strategy
4. During the review the team members will ask technical questions about your implementation, design decisions and used frameworks.
6. Additionally, you will have the opportunity to address questions to the team members and hopefully there will be some kind of discussion.
7. Finally, we are going to talk about the next steps in the recruitment process.

Best regards

Marco Machicao y Priemer

## Epic/Story:

As a product owner I want to have a simple iOS App to browse an online catalogue.

- Search for a list of products matching a search criteria
- Display the results in a list with title, price and a thumbnail
- Inspect a particular result item in a detail view
- Store a reference to the last 5 items visited in a detail view

For the purpose of this exercise we recommend MercadoLibre, but you are free to choose any other equivalent alternative.

<http://developers.mercadolibre.com/>  
<https://api.mercadolibre.com/sites/MLU/search?q=notebook#json>  
<https://api.mercadolibre.com/items/MLU439246657#json>

## Acceptance Criteria

- Native mobile App
- Test automation is provided
- Result item has the following attributes: Product number, title, description, price and image

## Constraints

- Data storage: persistent

## HINT

Keep in mind

- Agile manifesto
- Clean code
- Software craftsmanship