

Frontend Developer Test

Brief

1. This coding test has been designed to assess the coding ability of potential candidates for a Flutter Developer role at Spotlas.
2. Once you have completed the test please upload your project on GitHub and email the link to wasil@spotlas.com as well as the following videos:
 - ▶ Max 7 minute video explaining and presenting your code, structure and architecture.
 - ▶ Screen recording demonstrating the app running on a device / simulator illustrating your UI implementation.

Task 1 | Feed

- Implement the Feed Tab from the Spotlas App using the designs and endpoint provided in the Resources below.

Resources

- Endpoint
 - ▶ <https://dev.api.spotlas.com/interview/feed?page=1>
- Design
 - ▶ <https://www.sketch.com/s/1e46d19f-fa35-4633-b40a-f8857df598a2>
 - ▶ Design section contains the Feed Tab designs including all positions and paddings.
 - ▶ Mechanics section contains specific requirements flows to be implemented.

Requirements

- Recommendation View
 - ▶ Implement the image slider for multiple images.
 - ▶ Implement User & Spot details with shadows.
 - ▶ **Bonus** - Implement action for saving Recommendation.
- Toolbar
 - ▶ Implement the toolbar UI only with no actions.
 - ▶ **Bonus** - Implement action for Liking Recommendation.
- Caption
 - ▶ Implement the open and close animation to show the full & partial caption.
 - ▶ minimum lines = 3

- ▶ **Bonus** - Attach a more or less label at the end of the caption when open or closed.
- **Tags**
 - ▶ Implement the tags view UI only with no actions.
- **Pagination** needs to be implemented and infinite loading/scrolling should be fast and smooth with no performance impacts.
- **Pay close attention to detail and match the UI as closely to designs requirements.**
- **Component reusability is important**, try to keep widgets separate and reusable.