

# Full-Stack Take Home Assignment

## Instructions

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Create a simple checkout Order System web app for a restaurant.

It should be divided into a client app and a server web API.

Clients should be able to:

- See menu items fetched from the web API
- Add/remove items multiple times to their local cart
- Fill a payment form
- Submit the order to the web API

The payment model can have any format and doesn't need to be processed.

The order submission endpoint should just store the order (items, total and payment) in a file or db and return a successful response.

## Web API

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Should expose endpoints to fetch the menu and submit the order.

**menu** - Use the json sent as resource with the assignment. Feel free to modify it.

**order** - Expected to have the items list, total and a payment object.

## Important Notes

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This is supposed to be a small project. Simplicity is key.

Usage of Docker, CSS frameworks and JS packages are encouraged.

Feel free to add features if you feel comfortable.

## Submission

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The project should have an easy set up to be run on a Unix environment.

For the web api it's preferable (not a hard requirement) if you use Python or Node (main languages in our stack).

For the client app we have a preference for either Vue or React.

We expect you to submit the assignment back to us within 7 days.

When you are done, email back a zip file or a link to your source code with instructions to setup and run the project. You can upload your code to your personal public Git repository.

## Evaluation

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Your submission will be evaluated on

- Simplicity
- Accordance to specifications
- Architecture
- Code quality, documentation and readability
- Error handling

We will reach you so you can quickly explain your code and discuss which would be the next steps for the project.

## Contact

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If you have any questions or feedback about the assignment send an email to [arthur@mashgin.com](mailto:arthur@mashgin.com).

## Resources

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- Fullstack Take Home Assignment - menu.json - Contains the menu with items and categories.
- Fullstack Take Home Assignment - images.zip - Contains items and categories images.