

Form3 Tech Exercise

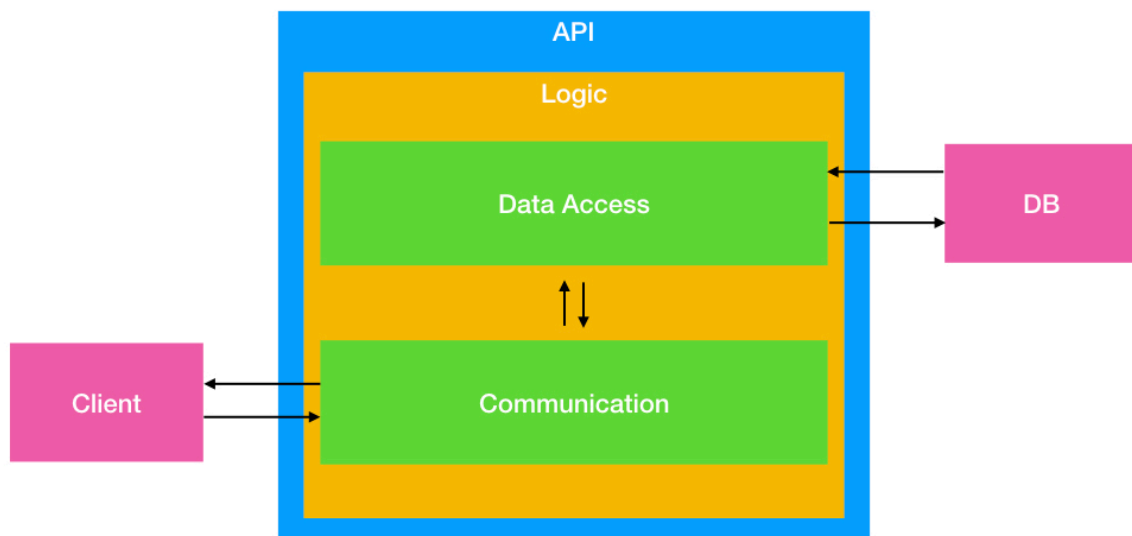
Payment API

This is a simple design for a REST API made to do simple CRUD operations on a single resource.

Specification

The API will communicate exclusively via JSON. All the response will be formatted the JSEND standard as described [here](#).

Architecture



Entities

Name	Type	Description
Payment	Object	The main resource the API will deal with
APIError	Object	The same object with different data that will be returned on errors

Endpoints

The API will have versioned endpoints (e.g: /v1) and will have the following endpoints available:

Method	URI	Response	Description
GET	/payments	200 []Payment	Returns a list of payments. Supports pagination with the following query parameters: lim, off, page
GET	/payments/{id}	200 Payment 404 NotFound 400 InvalidInput	Returns a single payment
POST PUT	/payments/{id}	201 Payment 200 Payment 404 NotFound 400 InvalidInput	Creates a new Payment or modifies the payment corresponding to {id} and returns it
DELETE	/payments/{id}	204 None 404 NotFound	Deletes the corresponding Payment