

# Payments Manager Flow Diagram

## Purpose

The purpose of this diagram is to outline the flow of the Payments Manager microservice.

## Description

The Payment Manager microservice will be written using the Go programming language. It will accept HTTP requests, which it will route through Middleware and Route Handlers.

The microservice will have a variety of “micro-packages” (e.g. the ORM package), that are part of the Payment Manager microservice, and are responsible for abstracting away logic and decoupling dependencies to ease maintenance and refactoring in the future.

The API will be written using the prefix **“/api/v1”** to allow for future API versions to be created, while also supporting backwards compatibility.

## Endpoints

The following endpoints will be the entry points to the application.

Method	URL	Description
GET	/api/v1/payments	Returns an array of all payments
GET	/api/v1/payment/{id}	Get a payment by ID
POST	/api/v1/payment	Add a payment
PUT	/api/v1/payment/{id}	Update a payment by ID
DELETE	/api/v1/payment/{id}	Delete a payment by ID

