Sock
Inter
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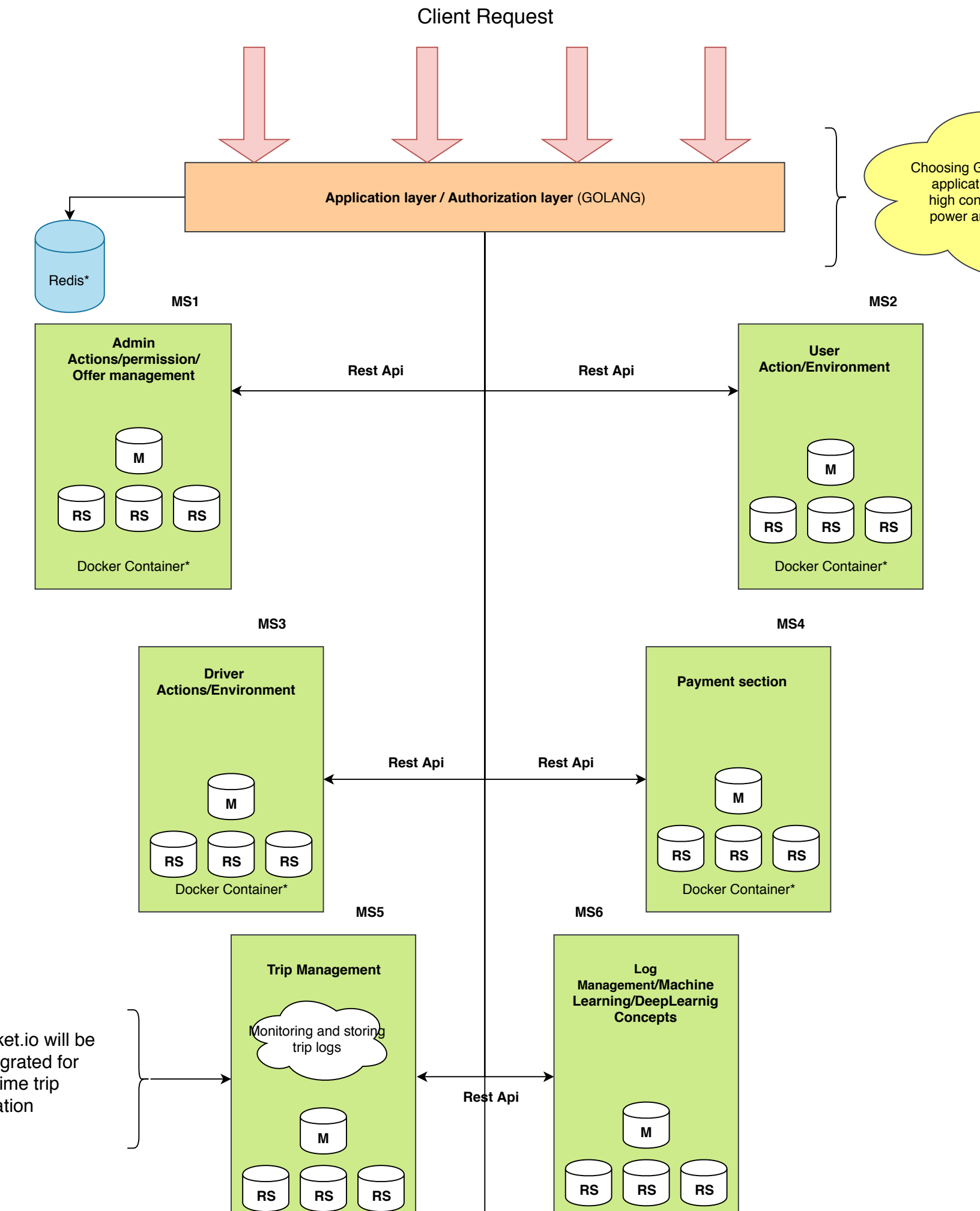
Client Request
Application layer / Authorization layer (GOLANG)
Redis*
Choosing G
applicat
high con
power a
MS1
MS2
Admin
Actions/permission/
Offer management
M
RS
RS
RS
Docker Container*
Rest Api
Rest Api
User
Action/Environment
M
RS
RS
RS
Docker Container*
MS3
MS4
Driver
Actions/Environment
M
RS
RS
RS
Docker Container*
Rest Api
Rest Api
Payment section
M
RS
RS
RS
Docker Container*
MS5
MS6
Trip Management
Monitoring and storing
trip logs
M
RS
RS
RS
Rest Api
Log
Management/Machine
Learning/DeepLearnig
Concepts
M
RS
RS
RS
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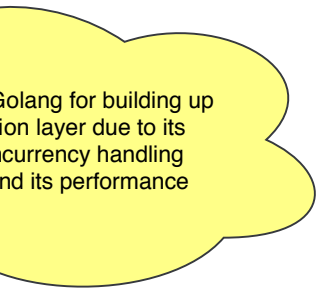
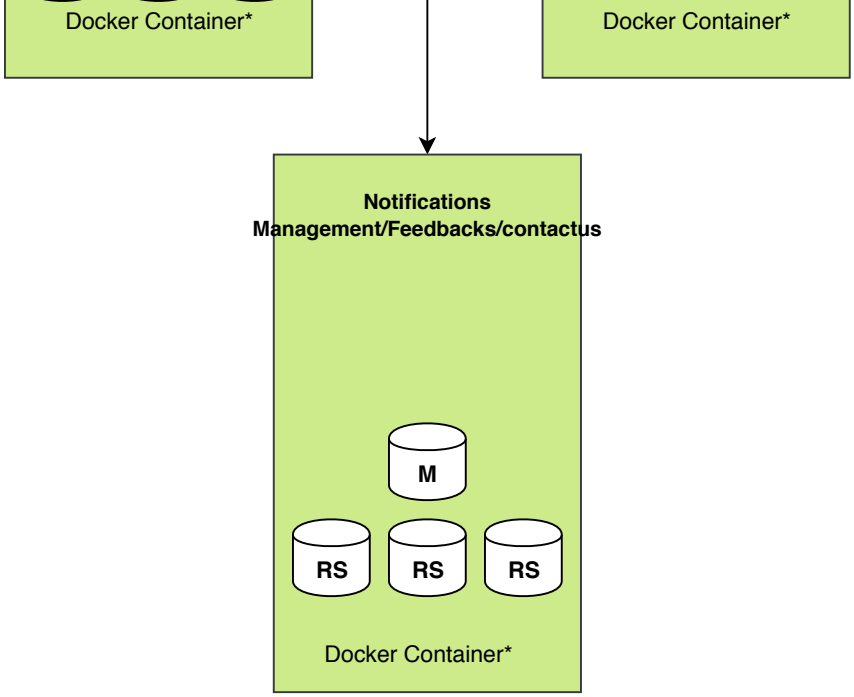

Golang for building up
ion layer due to its
ncurrency handling
nd its performance



M : MongoDB database (Fast and embedded document feature)

R : MongoDB Replica sets (High availabilty and data security)

Redis : Choosing redis as a caching server due to its great performance and durability

Docker : Choosing docker for light weight virtualization ,each container perform work independently

AWS : Choosing for hosting and using aws s3 service for keeping files and other stuff,Also