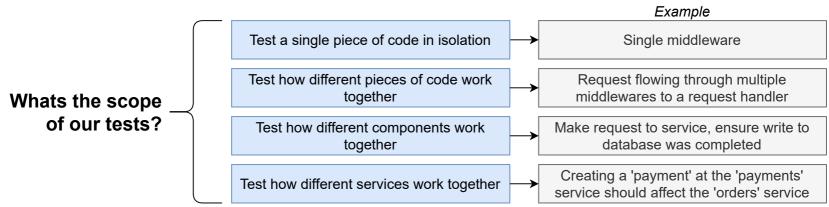
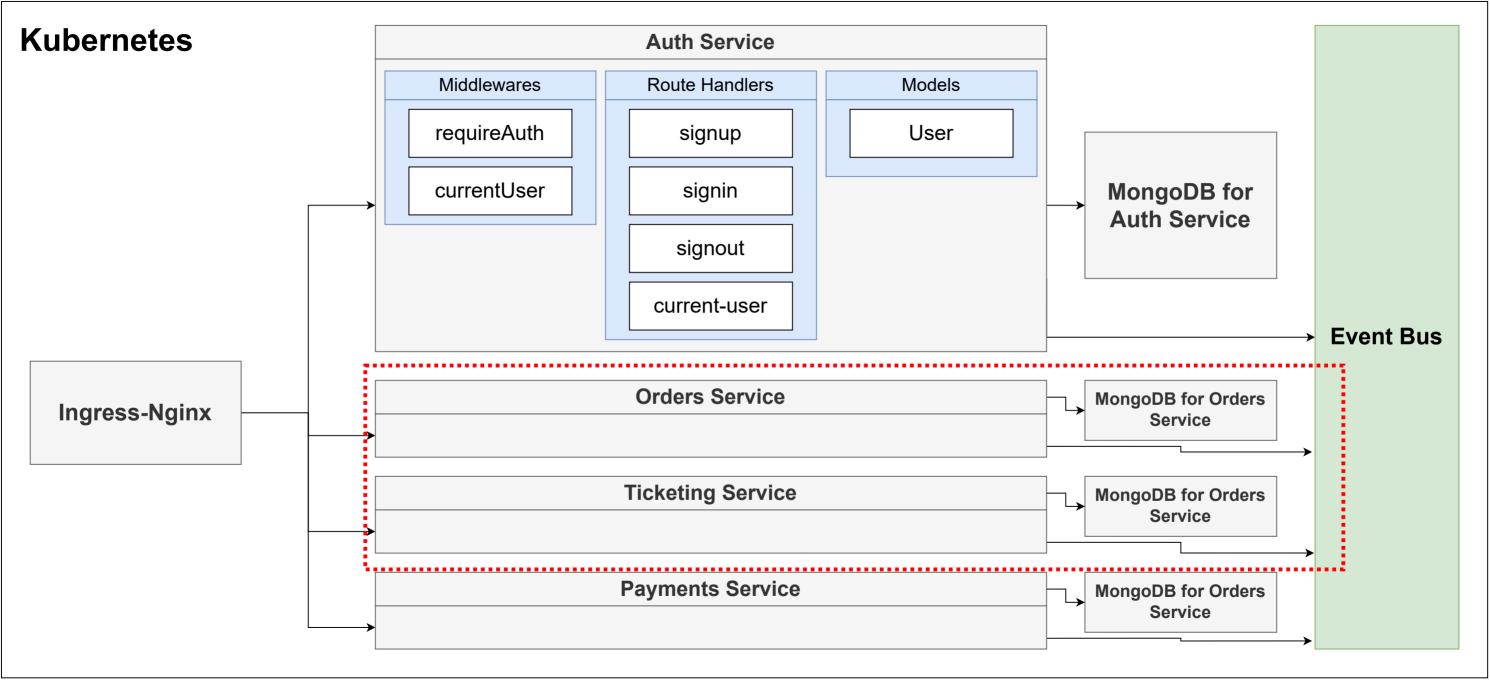
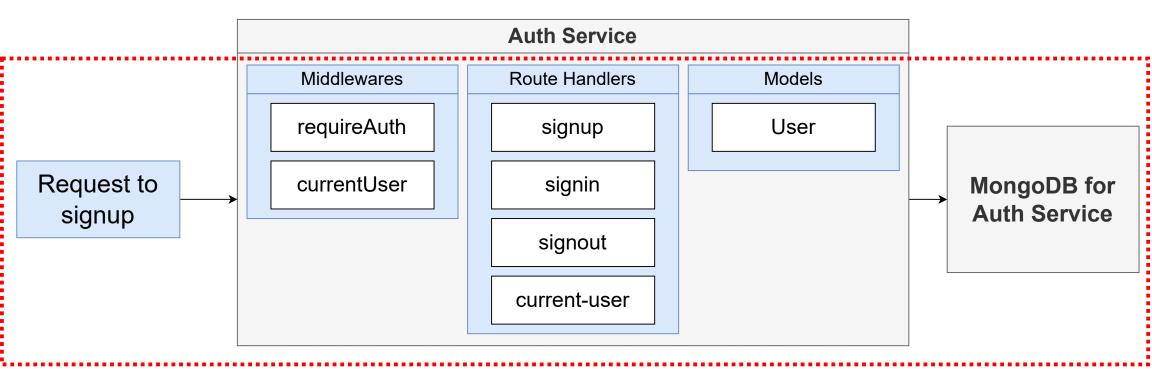
### **Testing with Microservices**



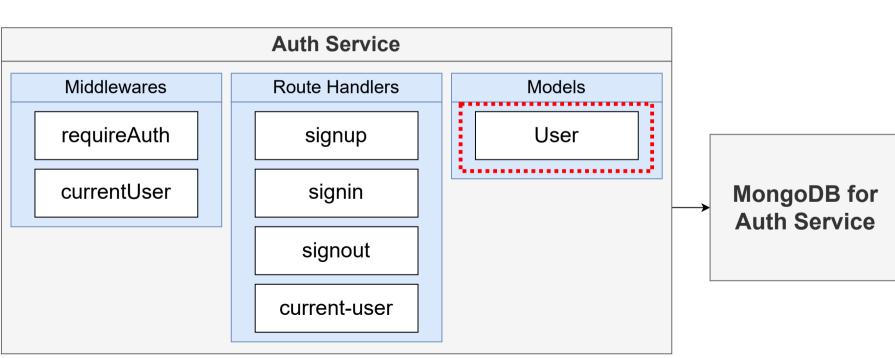


# Testing Goal #1 Basic Request Handling

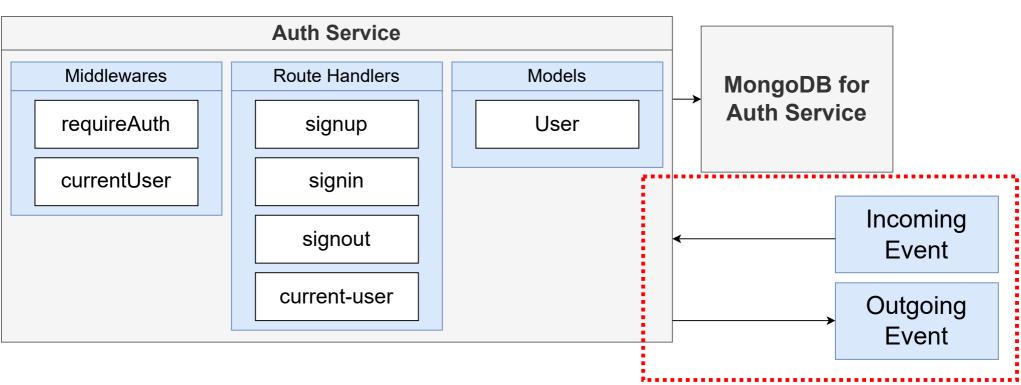


## Some tests around models

**Testing Goal #2** 



# Testing Goal #3 Event emitting + receiving



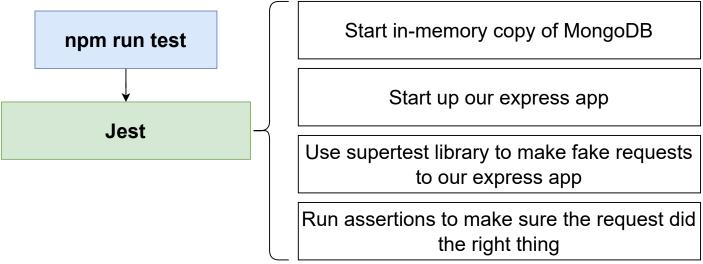
### How will we run these tests?

We are going to run these tests directly from our terminal without using docker

This implies that our *local environment* is capable of running each service!

Simple enough now, but more *complex* 

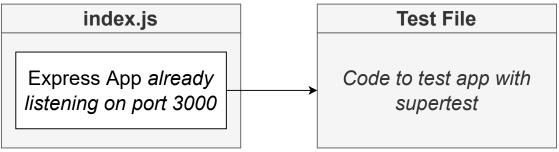
projects might make this hard!



```
const express = require('express');
                              const app = express();
      Code to create
                              app.get('/user', function(reg, res) {
Express server (this
                                res.status(200).json({ name: 'john' });
is in our index.js file)
                              });
                              request(app)
                                .qet('/user')
                                .expect('Content-Type', /json/)
     Code to test the
                                .expect('Content-Length', '15')
   express server (in
                                .expect(200)
              test file)
                                .end(function(err, res) {
                                  if (err) throw err;
                                });
```

const request = require('supertest');

#### Our Current Setup



#### Ideal Setup



dev/prod environment