



Microservices won't eat your spaghetti

Lindy Hutz

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Solution architect at Team Rockstars IT
Eindhoven, The Netherlands

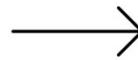
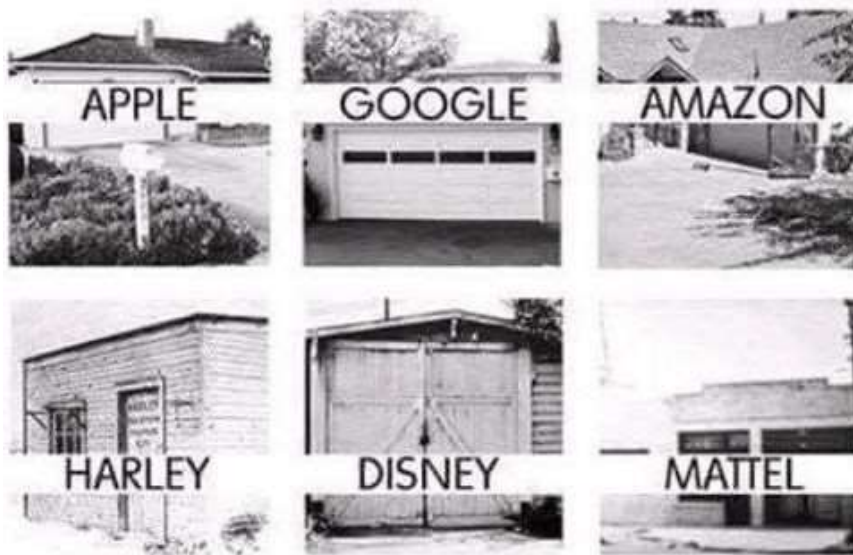
 <https://www.linkedin.com/in/lindyhutz/>

 <https://github.com/lhutz>



**Why do people think
microservices eat spaghetti?**





Repositories

2.1k



Why won't microservices eat spaghetti?





**Buen
provecho!**

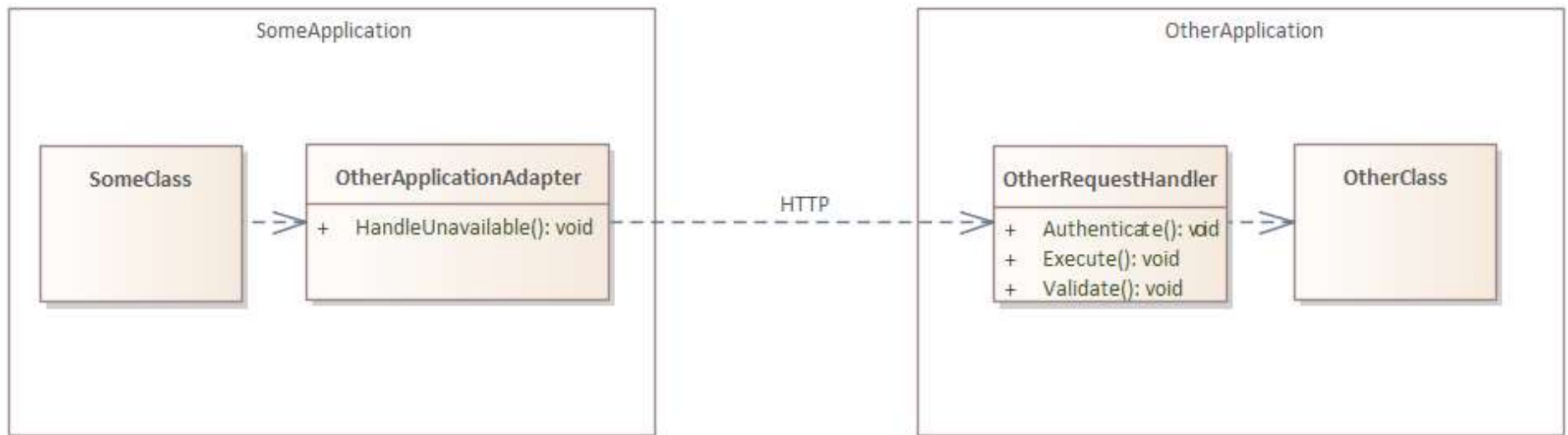
If you **do** what you **did**,
you'll **get** what you **got**, distributed.

class Before

SomeClass

OtherClass

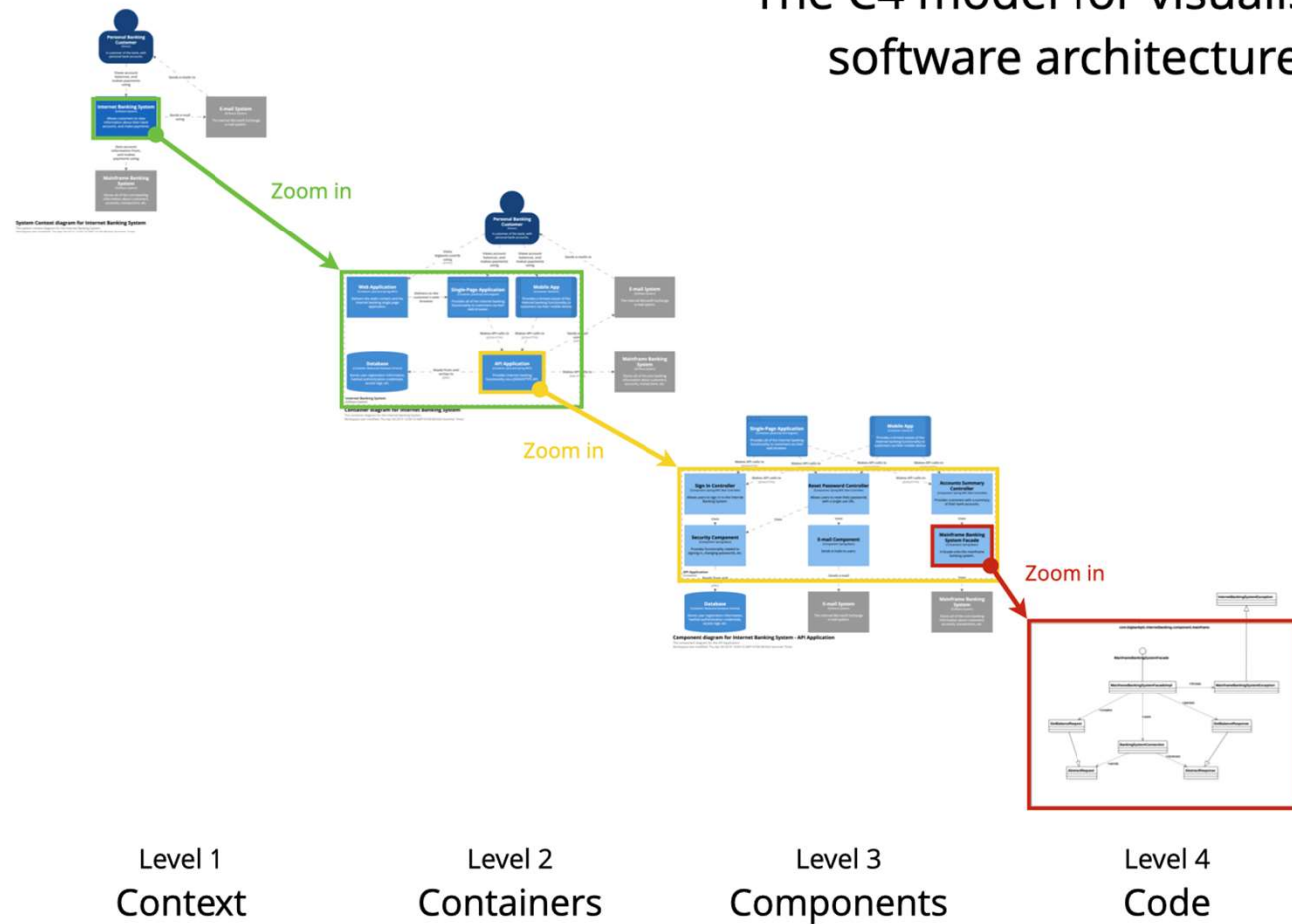
class After

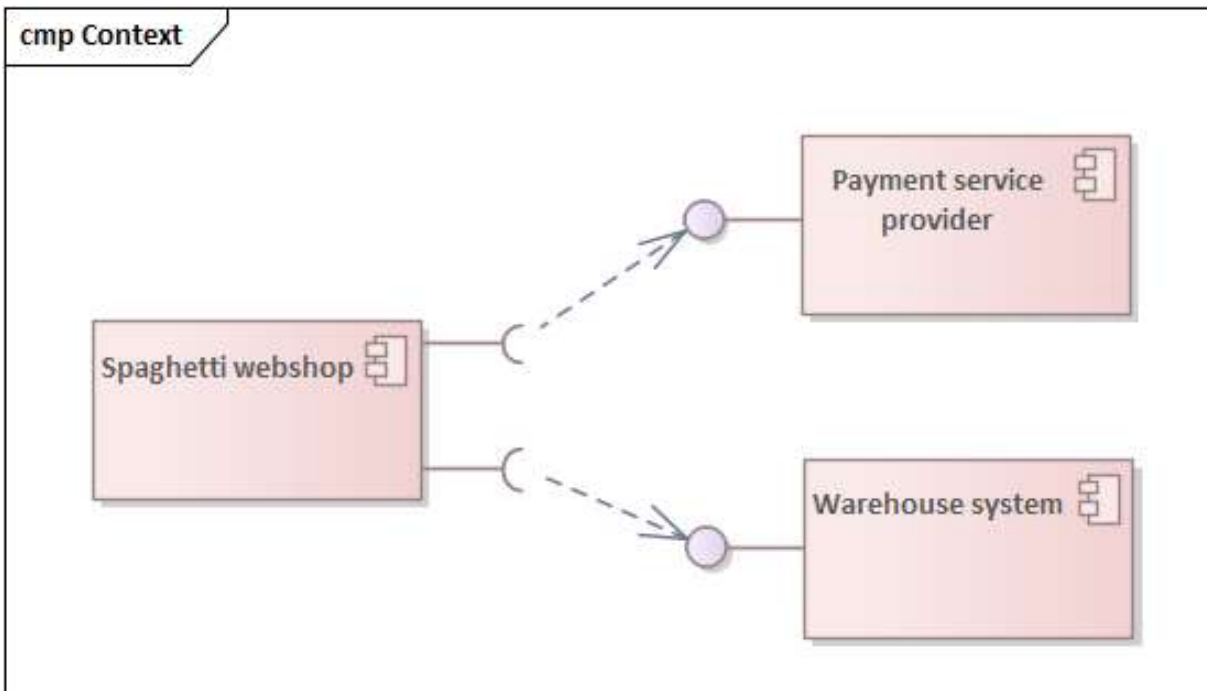


What will eat your spaghetti?

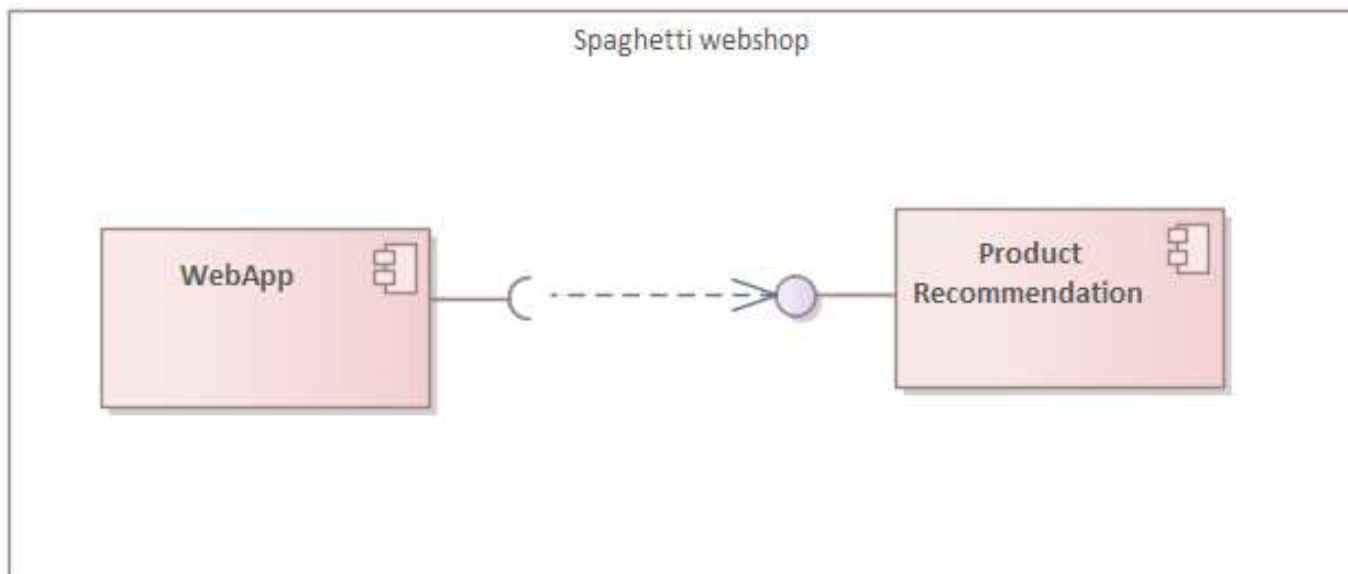


The C4 model for visualising software architecture

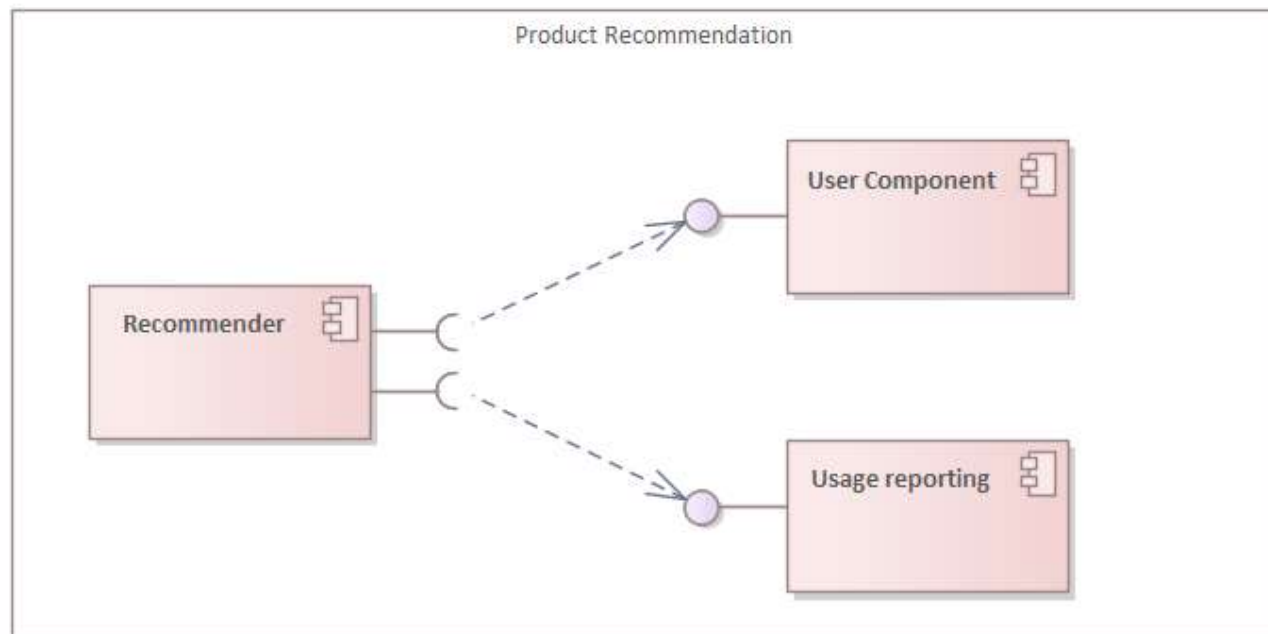


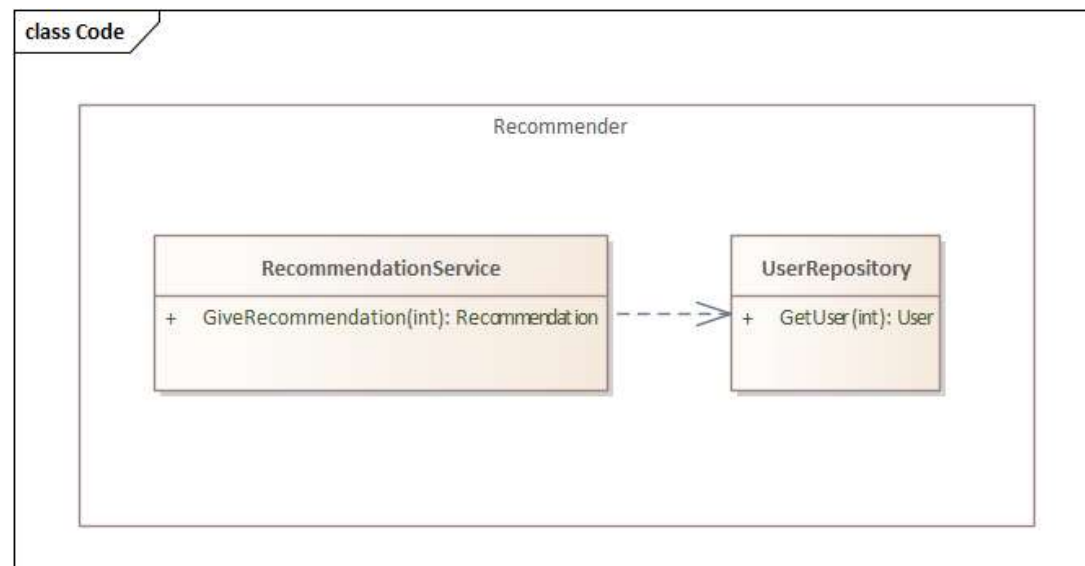


cmp Containers

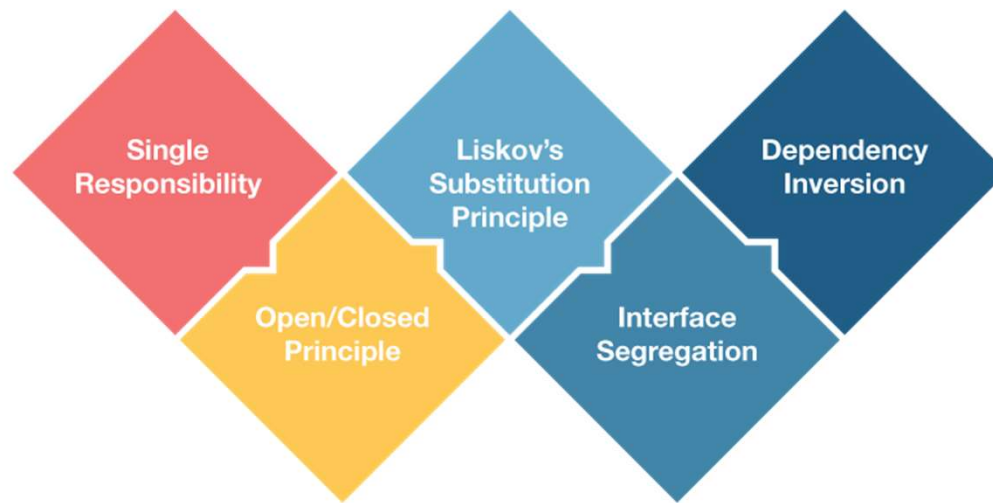


cmp Components





S.O.L.I.D.



Solution Explorer showing the structure of a C# solution named "C# IMus".

The Explorer pane is divided into two sections: "Solution" and "Azure Explorer".

Solution Explorer Structure:

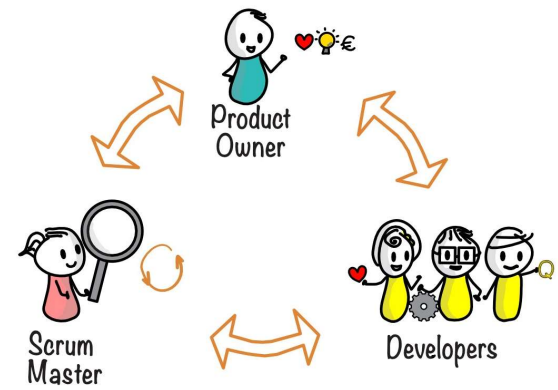
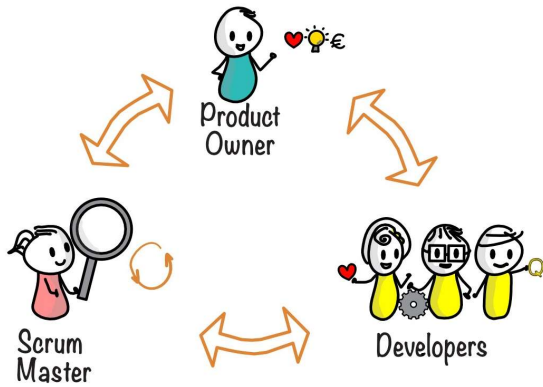
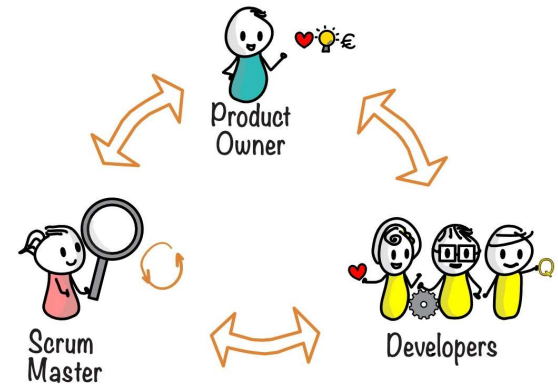
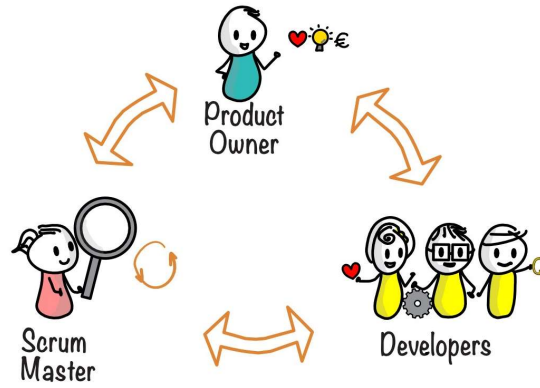
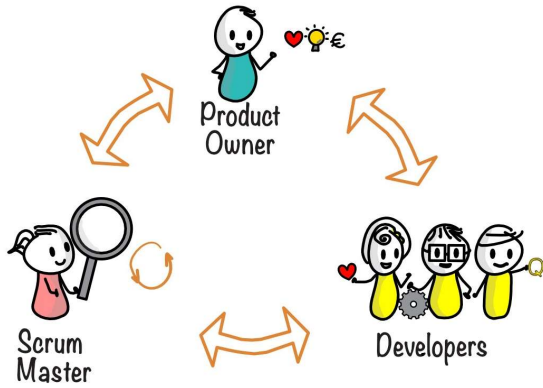
- MusicManager** (3 projects)
 - SolutionItems**
 - README.md
 - Tests** (2 projects)
 - MusicManager.IntegrationTests
 - MusicManager.UnitTests
 - MusicManager**
 - Dependencies
 - Properties
 - Adapters
 - Api
 - Persistence
 - UpstreamPersistence
 - Core
 - Music
 - Domain
 - Ports
 - Synchronization
 - Domain
 - Ports
 - appsettings.json
 - Program.cs
 - Startup.cs
- Scratches and Consoles

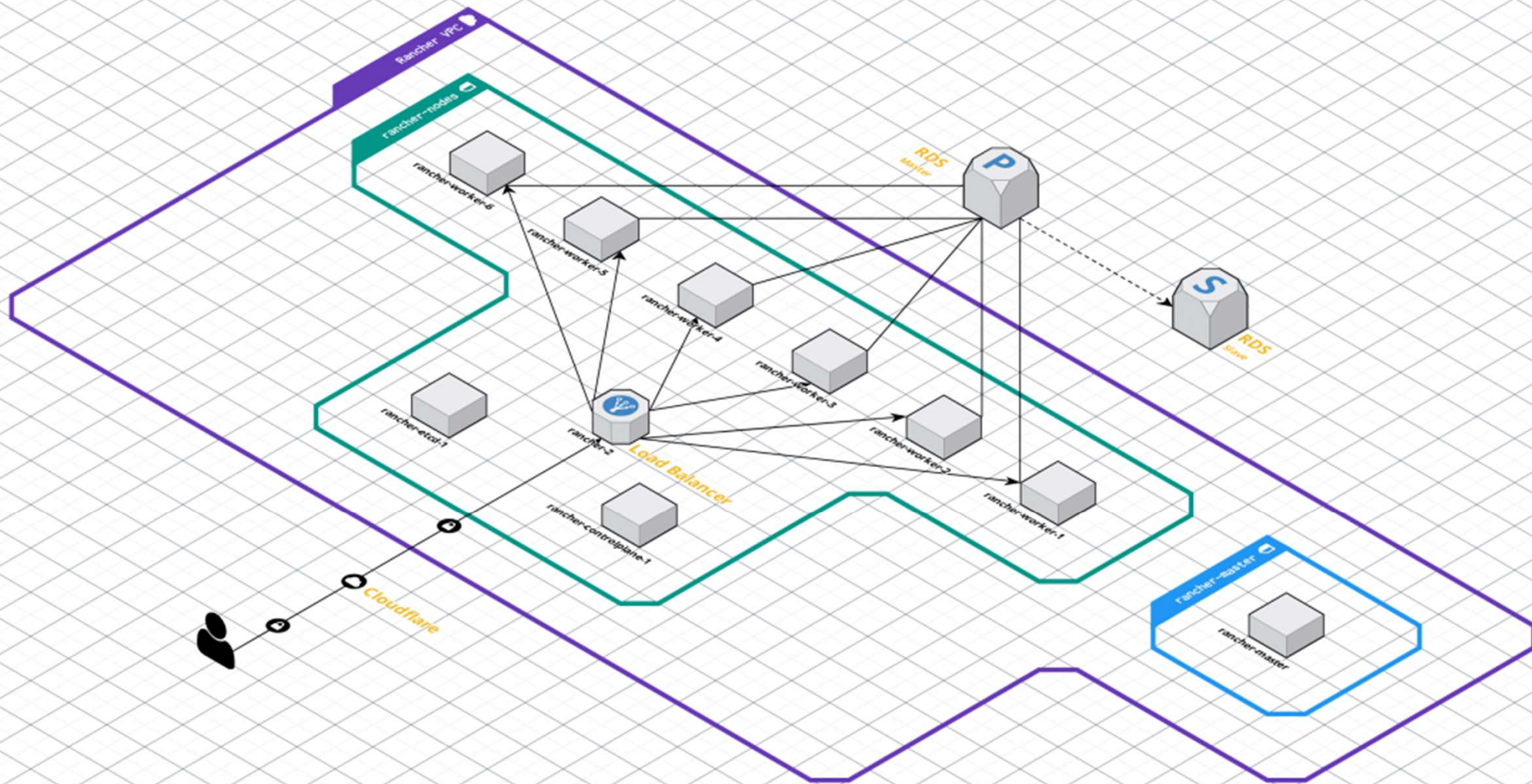
The Explorer pane includes a toolbar with icons for Solution Explorer, Search, and other functions. The right side of the Explorer pane shows a list of items with a search bar and a list of items (1-7).



**When *should* you use
microservice?**







Microservices won't eat your spaghetti

**Microservice can be a good architecture,
but not if the only reason is to break up the monolith.**

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