Introduction

This lesson gives an overview of the different topics we will cover in this chapter. Also, we will learn what is a Tier & it's components?

> ### We'll cover the following   ︿
>
> - What Is A Tier?

I'll begin the course by discussing different tiers involved in the software architectural landscape. This is like a bird's eye view of the realm of software architecture & is important to be understood well.

This chapter will help us understand:

- What is a *Tier*?
- Why do software applications have different *tiers*? What is the need for them?
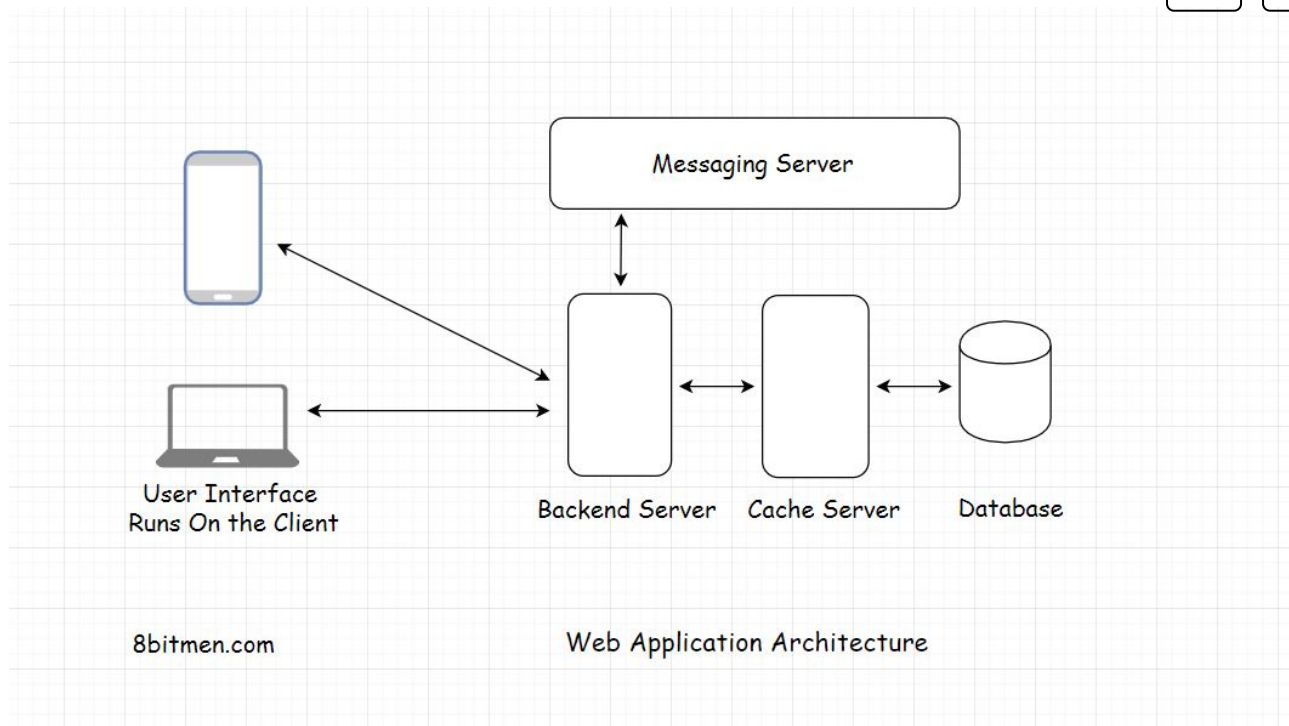- How do I decide how many *tiers* should my application have?

What Is A Tier?

Think of a *tier* as a logical separation of components in an application or a service. And when I say separation, I mean physical separation at the component level, not the code level.

What do I mean by components?

- *Database*
- *Backend application server*
- *User interface*
- *Messaging*
- *Caching*

These are the different components that make up a *web service*.

Messaging Server

User Interface
Runs On the Client

Backend Server   Cache Server   Database

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Now let's have a look at the different types of tiers & their real-life examples.

Next →

Single Tier Applications

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architecture__web-application--software-architecture-101)