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Sommario/riassunto	Learn to build a high-performance functional prototype of a voting web application from scratch using Elixir and Phoenix About This Book Build a strong foundation in Functional-Programming techniques while learning to build compelling web applications Understand the Elixir Concurrency and parallelization model to build high-performing blazingly fast applications Learn to test, debug and deploy your web applications using Phoenix framework Who This Book Is For This book is for people with a basic knowledge of Elixir, who want to start building web applications. Prior experience with web technologies is assumed. What You Will Learn Learn Phoenix Framework fundamentals and v1.3's new application structure Build real-time applications with channels and presence Utilize GenServers and other OTP fundamentals to keep an application stable Track users as they sign in and out of chat with Phoenix's built-in presence functionality Write your own database interaction code that is safe, bug-free, and easy to work with Explore testing and debugging methodologies to understand a real software development lifecycle for a Phoenix application Deploy and run your Phoenix application in production In Detail Phoenix is a modern web development framework that is used to build API's and

web applications. It is built on Elixir and runs on Erlang VM which makes it much faster than other options. With Elixir and Phoenix, you build your application the right way, ready to scale and ready for the increasing demands of real-time web applications. This book covers the basics of the Phoenix web framework, showing you how to build a community voting application, and is divided into three parts. In the first part, you will be introduced to Phoenix and Elixir and understand the core terminologies that are used to describe them. You will also learn to build controller pages, store and retrieve data, add users to your app pages and protect your database. In the second section you will be able to reinforce your knowledge of architecting real time applications in phoenix and not only debug these applications but also diagnose issues in them. In the third and final section you will have the complete understanding of deploying and running the phoenix application and should be comfortable to make your first application release. By the end of this book, you'll have a strong grasp of all of the core fundamentals of the Phoenix framework, and will have built a full production-ready web ...

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