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Topics	Task Name	Description	Why is it needed?	Resources			Notes
				Article	Video	Time Estimate	
Introduction	Setup your environment	This document is about setting up your Go environment. The document provides an overview of the Go programming language, covering its major components and features. It is useful for software developers who want to learn about Go or refresh their knowledge.	This document is about setting up your Go environment.	Setup your Environment A Tour of Go Concurrency	Learn Go by Examples Getting Started With APIs Using Data Structures and Services	10mins	
	Introduction to Go	RESTful web services are a type of web service that uses the Representational State Transfer (REST) architectural style. REST is an architectural style that defines a set of constraints that can be used to design and build web services that are simple, lightweight, stateless, cacheable, and layered.	This tutorial introduces the basics of writing a RESTful web service API with Go and the Gin Web Framework (Gin).	Go REST Guide Gin Framework	Go RESTful API with Gin	2-3 hrs	
	Developing a RESTful API with Go and Gin					30 mins	
Tools and Frameworks	Postman	Postman is a popular tool used for testing and debugging APIs. It provides a user-friendly interface for developers to send HTTP requests, inspect responses, and visualize API data.	By learning how to use Postman, developers can save time and effort in manually testing APIs, easily create and manage collections of API requests, and automate testing workflows. Postman also offers collaboration features, allowing team members to work together on API testing and documentation.	1. Introduction to postman (Link) 2. Documentation using Postman (Link)	Link	20 - 30 mins	
Database	MongoDB	MongoDB is a general-purpose document database designed for modern application development and for the cloud.	Databases provide an interface to save data in a persistent way to memory. MongoDB stores data as JSON documents. The document data model maps naturally to objects in application code, making it simple for developers to learn and use.	MongoDB Basics MongoDB Go Driver Tutorial MongoDB Aggregation (optional)	MongoDB basics	2 hrs	
Authentication & Authorization	JWT Authentication	Both Authentication and Authorization area units are utilized in respect of knowledge security that permits the safety of an automatic data system. In the authentication process, the identity of users is checked for providing the access to the system. While in the authorization process, a person's or user's authorities are checked for accessing the resources. Authentication is done before the authorization process, whereas the authorization process is done after the authentication process.	Authentication and authorization are critical components of any web application, as they help ensure that only authorized users can access specific resources and perform certain actions.	Implementing authentication and authorization in a Go application GO JWT Authentication with Gin Gonic		3 hrs	
Clean Architecture	Clean Architecture	Clean architecture is a software design philosophy that separates the elements of a design into ring levels	Clean architecture provides developers a way to organize code in such a way that it encapsulates the business logic but keeps it separate from the delivery mechanism.	The Clean Architecture Go Backend Clean Architecture		2 hrs	
Testing	Unit Tests	Unit testing ensures that the functional requirements of individual code units are met, promoting accurate functionality.	Unit testing helps identify defects related to safety, security, and reliability, ensuring higher code quality.	Detailed Guide for Simplifying Testing with GoLang Testify Relia Software Testing REST API in Go with Testify and Mockery		2 hrs	



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[2] Your folder structure is excellent, but don't forget to follow the instructions as well. There was no folder named 'services' in the task description.