COURSE TABLE OF CONTENTS

Domain-Driven Design Fundamentals

OEM: Koenig Original • Duration: 2 Days (16 hrs)

COURSE MODULES & TOPICS

Module 1: Introduction to Domain-Driven Design

- DDD concepts and principles
- Benefits of DDD
- Business alignment
- Complex domains overview

Module 2: Understanding the Business Domain

- Role of domain experts
- Ubiquitous language
- Domain modeling basics
- Identifying subdomains

Module 3: Strategic Domain Design

- Bounded contexts
- Context mapping
- Core, supporting, and generic domains

Module 4: Tactical Domain Design

- Entities and value objects
- Aggregates
- Repositories
- Domain services

Module 5: DDD and Software Architecture

- Microservices
- Clean architecture
- Event-driven architecture

Module 6: Domain Events and Integration

- Domain events
- Integration events
- Anti-corruption layers

Module 7: Practical Case Study

- Insurance claims domain modeling
- Defining bounded contexts
- Design exercise

Module 8: Review and Assessment

- Best practices
- Common mistakes
- Q&A session

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