Vimal Krishnan

Domain driven Design (DDD)

# Table of Contents

## Introduction

## Explanation with sample code

## Question and answers

# Introduction

Domain Driven Design aka (DDD) is software development approach which will be centred around domains

Here the primary focus will be given for domains rather than architecture

## Sample Code Explanation

Here we are trying to build a solution for an organization having chain of education institutes

Let us first understand the business case for this.

* There are many institutes
* There are many categories
* Each category having heterogeneous process

For each of the institutes, there will be registration, admission and so on.

As per analysis we have come to the domain-based on categories such that we have many categories in place like schools, colleges, professional colleges and so on.

There are many architectural designs are available to meet this. The sample code has been developed using micro services architecture

We will have following components for each domain

* Domain Service
* Domain Business Service
* Persistence
  + Domain Data Service
  + Domain Models
  + Sql Server

Let me explain above with respect to sample code.

* Domain Service-This will be responsible for developing services pertaining each domain.
  + - School Controller. This controller will expose the services required for school domain
* Domain Business Service-This is responsible for implementing the business required for each domain
* Persistence- This is responsible for persisting data for each domain. Sample project will have following things
  + SchoolDataService
  + School Entities
  + Sql Server

## Questions and Answers

Please feel to post your questions if any