CostConfiguration

+vmType: VMType
+monthlyTrafficGB: int
+storageType: StorageType
+storageSizeGB: int

AnswerSelection

+questionId: string
+selectedIndex: int
+isCorrect: bool

Quiz

+questions: Question[*]
+currentIndex: int

+start() : : void
+next() : : Question
+isFinished() : : bool

«enumeration»
ContactStatus

Draft
Validated
Submitted
Failed
Confirmed

«domain service»
ValidationService

+validateContact(msg: ContactMessage) : : ContactStatus

evaluated by

«service»
PricingPolicy

+vmCosts: Map
+storageCostPerGB: Map
+transferRatePerGB: float

+getVMCost(vm: VMType) : : float
+getStorageCost(storage: StorageType, sizeGB: int) : : float
+getTransferCost(trafficGB: int) : : float

«enumeration»
VMType

B1s
D2s_v3
E4s_v3

«enumeration»
StorageType

Standard_HDD
Standard_SSD
Premium_SSD

Question

+id: string
+text: string
+options: string[4]
+correctIndex: int

QuizResult

+totalQuestions: int
+correctCount: int
+wrongCount: int

+percentage() : : int
+badge() : : Badge

produces

validates

ContactMessage

+name: string
+email: string
+company: string
+message: string
+status: ContactStatus

uses

«domain service»
CostCalculator

+calculate(cfg: CostConfiguration) : : CostBreakdown
+makeRecommendations(cfg: CostConfiguration, bd: CostBreakdown) : : Recommendation[*]

returns

generates

0..1

Badge

+name: string
+threshold: int

CostBreakdown

+vmCost: float
+trafficCost: float
+storageCost: float

+total() : : float

Recommendation

+ruleId: string
+message: string