

# **UJIAN TENGAH SEMESTER OBJECT ORIENTED PROGRAMMING**



**INSTIKI**  
INSTITUT BISNIS DAN  
TEKNOLOGI INDONESIA

OLEH:

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**INSTITUT BISNIS DAN TEKNOLOGI INDONESIA  
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➤ CLASS APOTEK MANAGEMENT SYSTEM

➤ CLASS MEDICINE MANAGER

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- SOAL NO.2 UML CLASS

Class Apotek Management System

- Printmenu () : void

- MedicineManager : MedicineManager

+ Apotekmanagementsystem ()

+ run () : void

CLASS MEDICINE MANAGER

- Scanner : Scanner

- Medicine : Medicine [ ]

- medicine Count : int

- Max\_Medicine : final int

- get valid index (message : string) : int

- get Valid double input (message : string) : double

- get Valid input (message : string) : int

- format rupiah (value : double) : string

+ Medicine Manager (scanner : scanner)

+ Add Medicine () : void

+ Display Medicine () : void

+ Update Medicine () : void

+ Delete Medicine () : void

+ to String () : String

+ display Medicine (starindex : int, endindex : int) : void

➤ CLASS MEDICINE

Class Product

- name : String

- quantity : Int

- Price : double

+ Product (name : String, quantity : Int, price : double)

+ get name : String

+ get quantity : Int

+ get price : double

+ set quantity (quantity : Int) : void

+ set price (price : double) : void

+ toString () : String