

=== Barangay Health Center Management System - Polymorphism Demo ===

1. Testing common interface methods:

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System 1: DoctorDetails

Loading doctor details from database...  
Refreshing doctor availability and schedules...  
Validating doctor form: Checking required fields...  
Form validation: true

System 2: RoomManagementSystem

Loading room information and status...  
Refreshing room occupancy and availability...  
Validating room form: Checking room number and capacity...  
Form validation: true

System 3: ServicesManagementSystem

Loading services and pricing information...  
Refreshing service usage statistics...  
Validating services form: Checking service details and costs...  
Form validation: true

2. Testing specific behaviors:

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Testing DoctorDetails:

Exporting doctor details to CSV file...

Testing RoomManagementSystem:

Checking room availability for the selected date...

Testing ServicesManagementSystem:

Calculating total revenue from services...

3. Testing template method pattern:

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Initializing DoctorDetails:

Setting up Doctor Details UI components...  
Event handlers set up.  
UI initialized successfully.

Initializing RoomManagementSystem:

Setting up Room Management UI components...  
Event handlers set up.  
UI initialized successfully.

Initializing ServicesManagementSystem:

Setting up Services Management UI components...  
Event handlers set up.  
UI initialized successfully.

4. Testing batch operations:

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Performing batch save operation...  
Saving doctor details to database...  
Saving room management data...  
Saving services management data...  
Performing batch clear operation...  
Clearing doctor form fields...  
Clearing room form fields...  
Clearing services form fields...  
Batch operations completed!

=== Polymorphism demonstration completed successfully! ===

5. Testing interface polymorphism with reports:

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DoctorReport:

Generating Doctor Report...  
Report includes doctor details and availability status  
Exporting Doctor Report in PDF format



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ServiceReport:
Generating Service Revenue Report...
Report includes service usage and financial data
Exporting Service Report in PDF format
PS C:\Users\Aldryan Venth\Documents\EXER3B>
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