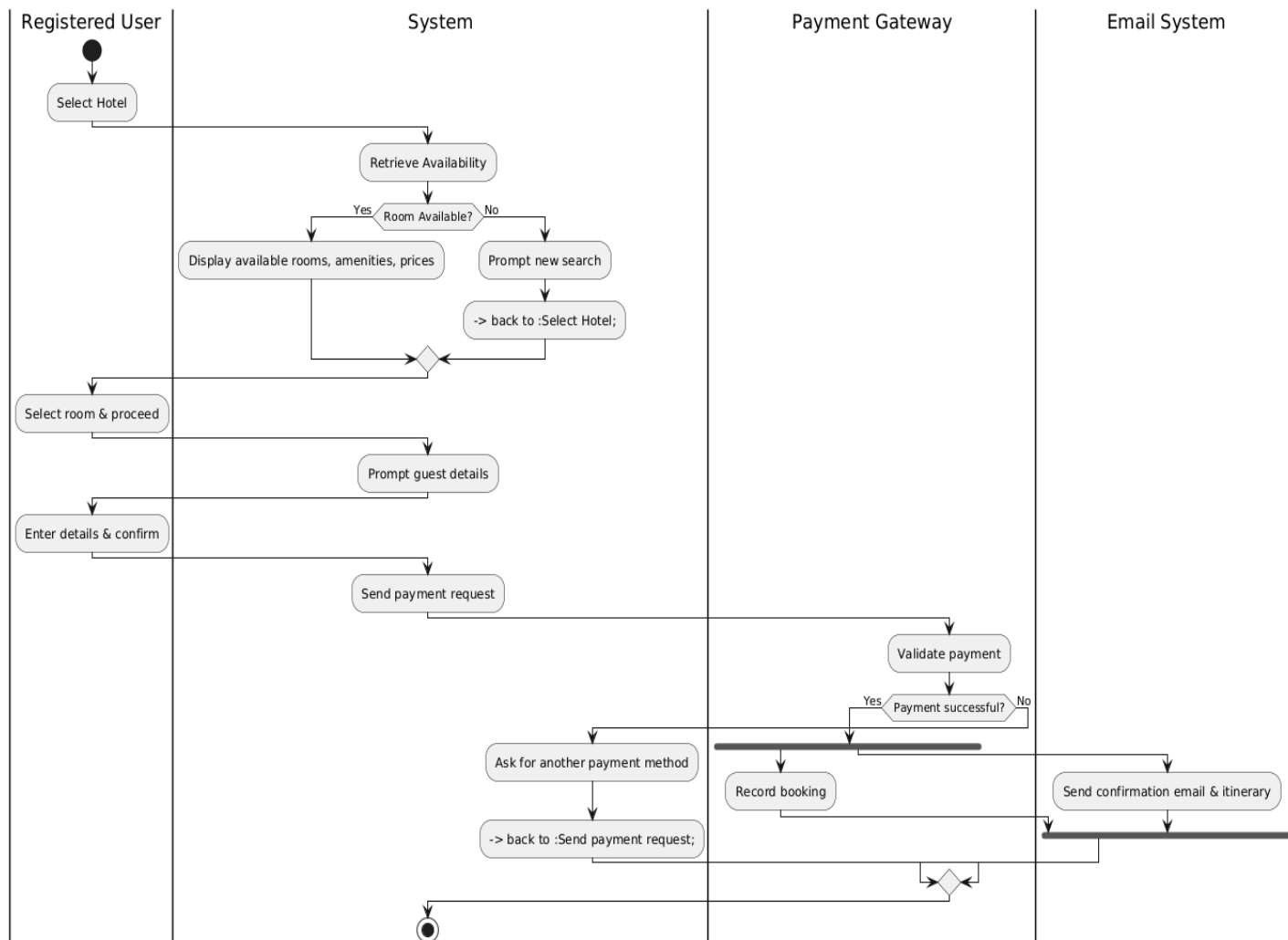**Activity Diagram**
Hotel booking -Thanh

Sequence Diagram

Hotel booking - Thanh

RegisteredUser | WorldWandererSystem | HotelServiceProvider | PaymentGateway | EmailSystem

Select hotel →

Request availability →

alt [Available]

Return availability ←

Display rooms & prices ←

Select room & confirm booking →

Process payment →

alt [Payment Success]

Payment confirmed ←

Send confirmation →

Confirmation & Itinerary ←

[Payment Fails]

Payment declined ←

Prompt retry ←

[Not Available]

No rooms available ←

Prompt new search ←

RegisteredUser | WorldWandererSystem | HotelServiceProvider | PaymentGateway | EmailSystem