@startuml

left to right direction

actor Customer

actor Admin

actor System

rectangle "FurnishARt (An AR-Based Furniture Store)" {

Customer --> (View Furniture)

Customer --> (Interact with 3D Models)

Customer --> (Make Purchase)

Customer --> (Write Review)

Customer --> (Register)

Customer --> (Login)

Admin --> (Manage Furniture Listings)

Admin --> (Approve Review)

(View Furniture) --> (Select Category)

(View Furniture) --> (Filter by Price)

(View Furniture) --> (Add to Wishlist)

(Interact with 3D Models) --> (Rotate Model)

(Make Purchase) --> (Add to Cart)

(Make Purchase) --> (Proceed to Checkout)

(Manage Furniture Listings) --> (Add New Product)

(Manage Furniture Listings) --> (Update Product Details)

(Manage Furniture Listings) --> (Remove Product)

(Approve Review) --> (Approve or Reject Review)

(Login) --> (Enter Credentials)

(View Product Details) --> (View Description)

(View Product Details) --> (View Customer Reviews)

(Make Purchase) --|> (Login) : <<include>>

(Proceed to Checkout) --|> (Add to Cart) : <<include>>

(View Furniture) --|> (View Product Details) : <<include>>

(Write Review) --|> (Login) : <<include>>

(Make Purchase) .> (Select Shipping Method) : <<extend>>

(View Furniture) .> (View Similar Products) : <<extend>>

}

System --> (Send Order Confirmation)

System --> (Update Inventory)

rectangle "Login Page" {

(Login) --> (Admin Dashboard) : <<extend>>

(Login) --> (Customer Homepage) : <<extend>>

}

@enduml