

UML Use Case 02 – User Login

Use Case Number	02
Application	2D Graphics Modeler Inc.
Use Case Name	User Login
Use Case Description	The actor is prompted to sign into a 2D Graphics Modeler Account as an administrator or guest user. Shape modification tools can only be accessed by administrative accounts after successful sign-in. Guest sign-ins only allow access to view the render area.
Primary Actor	2D Graphics Modeler Administrator/Guest
Precondition	<ul style="list-style-type: none">• Actor opens 2D Modeler Inc. Program• Actor already has an existing account (for administrative accounts)
Trigger	<ul style="list-style-type: none">• The actor opens 2D Modeler Inc. Program
Basic Flow	<ol style="list-style-type: none">1. Actor opens the 2D Modeler Inc. Application.2. Actor signing in as an administrator will provide valid username and password.3. Actor signing in as a guest will press “Sign in as Guest”.4. Message box will display, notifying actor for successful login.5. Main render area window is displayed after successful login.6. Administrative accounts can view and/or modify shapes, on the render area canvas.7. Guest users can only view render area.

Alternate Flows	<ul style="list-style-type: none">• If the actor fails to successfully login into an existing administrative account, a message box will inform the actor that it was an unsuccessful login attempt.• Guest users can access the login prompt at any time, and can login to verified administrative account.
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