

Field	Description
<b>Introduction</b>	This activity diagram models the logic flow for user authentication, specifically focusing on the decision-making process for validating credentials and determining user roles.
<b>Objectives</b>	<ol style="list-style-type: none"><li data-bbox="1341 397 2222 429">1. To map the decision points for valid vs. invalid login attempts.</li><li data-bbox="1239 509 2222 541">2. To define the routing logic based on user roles (Client vs. Freelancer).</li><li data-bbox="1341 622 2222 653">3. To ensure error feedback loops are in place for failed attempts.</li></ol>
<b>Functional Requirements</b>	<ol style="list-style-type: none"><li data-bbox="1223 707 2222 774">1. The system must verify the entered email and password against stored records.</li><li data-bbox="1172 855 2222 923">2. The system must direct Clients to the "Client Dashboard" and Freelancers to the "Jobs Feed."</li><li data-bbox="1198 1018 2222 1049">3. The system must display a clear error message for incorrect credentials.</li></ol>
<b>Non-Functional Requirements</b>	<p><b>Usability:</b> Error messages should be informative but secure (e.g., "Invalid Login" instead of "Wrong Password").</p> <p><b>Availability:</b> The login service must be highly available (99.9% uptime).</p>