

Field	Description
Introduction	<p>This activity diagram illustrates the financial workflow where a Client funds a project. It visualizes the interaction between the Client, the System, and the external Payment Gateway (Paymob).</p>
Objectives	<p>1. To model the steps required to secure funds before work begins.</p> <p>2. To define the role of the external gateway in verifying transactions.</p> <p>3. To demonstrate how the system locks funds in "Escrow" rather than paying the freelancer immediately.</p>
Functional Requirements	<p>1. The system must redirect the Client to a secure payment page.</p> <p>2. The system must support local payment methods (InstaPay, Mobile Wallets).</p> <p>3. Upon success, the system must update the Job status to "In Progress" and notify the Freelancer.</p>
Non-Functional Requirements	<p>Security: Payment details must never be stored on Sho8la servers (PCI-DSS compliance).</p> <p>Reliability: The system must handle payment timeouts or failures without losing data.</p>