**Feasibility Analysis Document: AutoClosePopup Action**

**Introduction**: The purpose of this feasibility analysis document is to assess the technical feasibility of implementing an "AutoClosePopup" action in a JavaScript (JS) action code within a Nanoflow. The AutoClosePopup action aims to automatically close a popup window after a specified duration.

 **Background:**

The AutoClosePopup action will enhance user experience by automatically closing popup windows, reducing the need for manual intervention and improving usability. This action can be used in scenarios where a temporary popup window is displayed and needs to be closed automatically after a certain period.

**Feasibility Analysis**:

**Technical Feasibility**:

The technical feasibility of implementing the AutoClosePopup action is assessed based on the following criteria:

**Nanoflow and JavaScript Capabilities:**

Confirm that the chosen development platform (e.g., Mendix) supports Nanoflows and allows the execution of JavaScript code within Nanoflows.

**JavaScript Timer Functions:**

Evaluate the availability and compatibility of JavaScript timer functions, such as setTimeout() or setInterval(), which are required to implement the auto-close functionality.

**Access to Popup Window Objects**:

Determine if the JavaScript action code within the Nanoflow provides access to the Popup window object, enabling manipulation and closing of the window.

**Implementation Approach**:

Based on the technical feasibility assessment, the proposed implementation approach for the AutoClosePopup action is as follows:

**Define Input Parameters:**

Identify the required input parameters for the AutoClosePopup action, such as the duration (in milliseconds) after which the popup window should be closed.

**JavaScript Code:**

Implement the JavaScript action code within the Nanoflow.

Utilize JavaScript timer functions, such as setTimeout(), to schedule the auto-close action after the specified duration.

Access the Popup window object and invoke the necessary methods to close the window programmatically.