Steps to capturing and storing learner information/results from a Storyline 360 course using JavaScript, Microsoft Forms, and MS Excel

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STEP 1: SET UP MICROSOFT FORMS AND EXCEL

1. **Create a Microsoft Form:**
   - Go to [Microsoft Forms]() and create a new form.
   - Add the following fields:
     - **Name:** Short answer type.
     - **Email:** Short answer type.
     - **Score:** Short answer type (or use a number type if preferred).
   - Make sure each field is required.
2. **Link Microsoft Forms to Excel:**
   - Once your form is created, click on the "Responses" tab in Microsoft Forms.
   - Click on the "Open in Excel" option. This will generate an Excel file in your OneDrive or SharePoint that is linked to your form and will automatically store the form responses.
3. **Get the Form's POST URL and Field Names:**
   - Unfortunately, unlike Google Forms, Microsoft Forms doesn't directly expose the POST URL for you to easily find the field names. However, you can manually inspect the form's source code to find these or use Power Automate to link forms to Excel. Below, I'll describe a simpler method using Power Automate.

STEP 2: PREPARE THE STORYLINE 360 COURSE

1. **Set Up Variables in Storyline:**
   - **Name and Email Variables:**
     - Create two variables in Storyline to capture the learner's name (`LearnerName`) and email (`LearnerEmail`).
   - **Course Score Variable:**
     - Use Storyline's built-in `Results.ScorePoints` variable to capture the course score. This variable automatically holds the learner's score after they complete a quiz or course.
2. **Add JavaScript Trigger:**
   - Go to the final success completion slide in your Storyline project.
   - Add a trigger that executes JavaScript when the timeline starts on this slide.

STEP 3: SET UP POWER AUTOMATE FLOW

1. **Create a Power Automate Flow:**
   - Go to [Power Automate]() and sign in with your Microsoft account.
   - Create a new flow that triggers when a Microsoft Form is submitted.
   - Select your form from the list.
   - Add an action to the flow that writes the form responses to your linked Excel sheet.
2. **Modify the JavaScript Code:**

Since the direct POST to Microsoft Forms is more complex, using Power Automate to bridge the data between Storyline and Excel is often easier. Here's the JavaScript code for triggering a flow in Power Automate:

```
// Storyline variables
var player = GetPlayer();
var name = player.GetVar("LearnerName");
var email = player.GetVar("LearnerEmail");
var score = player.GetVar("Results.ScorePoints"); // Using Storyline's built-in score variable

// Power Automate Flow URL (with placeholders)
var flowURL = "https://prod-xx.westus.logic.azure.com:443/workflows/your-flow-id/triggers/manual/paths/invoke?api-version=2016-10-01&sp=%2Ftriggers%2Fmanual%2Frun&sv=1.0&sig=your-signature";

// Data to send
var data = {
    "name": name,
    "email": email,
    "score": score
};

// Send the data via an HTTP POST request
var xhr = new XMLHttpRequest();
xhr.open("POST", flowURL, true);
xhr.setRequestHeader("Content-Type", "application/json");
xhr.send(JSON.stringify(data));
```

STEP 4: IMPLEMENT AND TEST

1. **Preview the Course:**
    - Test the course in Storyline by entering a name and email, completing the course, and verifying that the data is sent to the Excel sheet.
2. **Publish the Course:**
    - Once testing is complete and the data is correctly captured, publish your course for deployment on your LMS or web server.

STEP 5: VERIFY THE DATA IN EXCEL

- After learners complete the course, open the linked Excel sheet to check if their name, email, score, and the automatically generated timestamp are correctly recorded.

Summary of Key Points

- **Score Variable:** Use the built-in `Results.ScorePoints` variable from Storyline.
- **Automation:** Use Power Automate to capture and store the data in Excel, as Microsoft Forms doesn’t easily expose its POST URLs.