Steps to capturing and storing learner information/results from a Storyline 360 course using JavaScript, Google Forms, and Google Sheets

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STEP 1: SET UP GOOGLE FORMS AND GOOGLE SHEETS

1. **Create a Google Form:**
   - Go to Google Forms and create a new form.
   - Add the following fields:
     - **Name:** Short answer type.
     - **Email:** Short answer type.
     - **Score:** Short answer type (you can use number type if preferred).
   - Make sure each field is marked as "Required."
2. **Link the Google Form to Google Sheets:**
   - In Google Forms, click on the "Responses" tab.
   - Click on the green Sheets icon to create a linked Google Sheet where responses will be stored. This will automatically capture all form responses, including a timestamp.
3. **Get the Form's POST URL and Entry IDs:**
   - In Google Forms, go to the "Responses" tab and click on the three dots (More options), then select "Get pre-filled link."
   - Fill out the form with placeholder data and click "Get link."
   - Copy the URL. The URL contains entry IDs for each form field, looking something like `entry.1234567890`. These IDs are necessary to build the URL for submission.

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. WRITE THE JAVASCRIPT CODE

Here's a basic JavaScript snippet that you can customize:

```
// 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
```

```
// Google Form Entry IDs
var entryName = "entry.1234567890"; // Replace with the actual entry ID for
Name
var entryEmail = "entry.0987654321"; // Replace with the actual entry ID for
Email
var entryScore = "entry.1122334455"; // Replace with the actual entry ID for
Score
// Google Form URL
var formURL = "https://docs.google.com/forms/d/e/your-form-id/formResponse";
// Replace with your form's POST URL
// Construct the full URL with parameters
var fullURL = formURL + "?";
fullURL += entryName + "=" + encodeURIComponent(name) + "&";
fullURL += entryEmail + "=" + encodeURIComponent(email) + "&";
fullURL += entryScore + "=" + encodeURIComponent(score);
// Send the data via an HTTP GET request
var xhr = new XMLHttpRequest();
xhr.open("GET", fullURL, true);
xhr.send();
```

STEP 4: IMPLEMENT AND TEST

1. **Preview the Course:**
   o Test the course in Storyline by entering a name and email, completing the course, and verifying that the data is sent to Google Sheets.
2. **Publish the Course:**
   o 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 GOOGLE SHEETS

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

STEP 6: ENSURE DATA PRIVACY

- Ensure that all data collection and storage processes comply with relevant privacy laws and regulations, such as GDPR or CCPA.

Summary of Key Points

- **Score Variable:** Use the built-in `Results.ScorePoints` variable from Storyline.
- **Timestamp:** No need to manually create a timestamp variable since Google Forms/Sheets automatically captures it.
- **Automation:** The JavaScript code is triggered automatically when the final completion page loads, sending the learner's details to Google Forms without requiring any action from the learner.

By following these steps, you'll have a fully automated system that captures and stores learner information and course results in Google Sheets through Google Forms.