# Researcher Bi-Weekly Reporting Template

The purpose of this document is to help prompt reflection and capture the progress, barriers, and needs you have as you undertake your project. We’ve included some preferred and suggested prompts in each section below. This document is to be completed every two weeks and submitted according to the reporting schedule.

Please append the filename with the date of submission and your initials (ex: CCHC-Biweekly-Reporting-Template-**2021-06-01**-**od**.docx). Once completed, please submit to [**LC-Labs@loc.gov**](mailto:LC-Labs@loc.gov)and CC Jaime Mears ([jame@loc.gov](mailto:jame@loc.gov)).

**Name:**

**Reporting Period: 5: 7/26/2021-8/6/2021**

### No Work Completed

We anticipate that there may be periods in your project during which you make little progress. In this situation, we ask you to check the “Nothing to report” box. After the “Reason” prompt below, please briefly indicate why there was nothing to report. Where possible, we’d still like to learn more about the reasons behind any unexpected events or barriers you encounter. You can share additional details in the “Obstacles/Needs” section before submitting this report.

Nothing to report

Reason:

### Activity and Progress

*We’d like to hear about your progress over the last couple of weeks. Please feel free to expand on the questions below.*

1. **What did you and your team work on over the last two weeks? Why?**

*We’d love to hear about your decision-making, the technologies (ie. cloud services, hardware, and software) you’ve been using, why you’ve adopted them, modifications or hacks you’ve had to create, prototyping and testing, and anything you’d like to share about your current in-progress deliverables.*

We worked on organizing the data into a schema. The schema includes photo metadata from the LOC and selecting which attributes from the computer vision algorithms to include.

1. **What are your plans for the next two weeks? What excites you about those plans?**

We are working on checking out the API again to see if we can get some other metadata with the FSA based on the conversation about the API with the LOC team. We also will see if we can get started on prototyping the visualizer!

### Obstacles/Needs

1. **What barriers, if any, have you encountered over the past two weeks? Were these barriers expected?**

*Examples: unexpected costs; API limitations; organizational barriers; data issues; technical gaps or challenges; collections knowledge.*

A challenge for building a schema is that the results from Detectron, which was the main CV framework that we used, come back as a certain kind Detectron object (like a python object). The objects are by type of algorithm. So, we needed to take the results from each algorithm (i.e. faces or objects) and attach them to each photo. So, we create a metadata schema in JSON to attach each algorithms’ results to a single photo. We worked to standardize the results in. We then worked to simplify the results from each algorithm so the format was the same. So, each algorithm is represented with a bounding box and confidence score for each photo.

1. **What would resolve these barriers (or would have resolved them, in retrospect)?**

*We’d love to know what you need help with! This is an opportunity for LC staff to learn from you about how to best support this work going forward.*

I wouldn’t necessarily call it a barrier. We just had to work through the different components and figure out a clear schema, which we wanted to be relatively human intelligible in the JSON.

1. **What changes, if any, do you anticipate to your proposed timeline? Why?**

*Do you expect any significant blockers to your progress?*

None at the moment.

### Reflection

1. **What happened over the last two weeks that was particularly thought-provoking?**

*Examples: surprises; places where help from Library staff was critical; incorrect assumptions; things you learned; things that, in retrospect, you wish you’d known.*

I think the main part is thinking through the pose algorithms. Still trying to figure out exactly how well they are performing and what they offer.

1. **Anything else you’d like to add?**