**Interview Guide**

Phase 1: Background Information

These questions will just be expanding on what we ask in the signup survey.

* What is your current role at the organization and what responsibilities do you have in this role?
* How often do you view the security camera footage as a part of your work?
  + Every Day
  + Every Week
  + Every Month
  + Every Year
  + Other

Phase 2: Daily Activity and Current Tools

These questions will just be expanding on what we ask in the signup survey.

* What are the typical events or incidents are the ones that you look for when you view the footage?
* What information do you typically use and are given as clues to spot the events? (time window, profile, or nothing?)
* Could you share the most challenging and time-consuming tasks that you had to do when reviewing camera footage? How long does it usually take for you to review the camera footage to find what you are looking for?
* What software does your organization use to view the footage that you collect from the security cameras?
* If there is software you use from other companies, are there any features that they share in common?
* Does your software have any special features for identifying events (i.e. computer vision for event identification)? If so, how does that help you find more quickly? When is it not helpful?
* Are there any current issues that you have with the current software that your organization uses to search for events across long periods of footage?

Phase 3: Completing Tasks Using Our System

First, we will give them a brief tutorial about how to switch between the different timelines and what features we have created for each timeline. Then we will have them complete these tasks:

Task 1: Task to understand the sequence between two different events

After a white car drives in from the back and this man with a white shirt exits from his car (45: 25):

A group of cars in a parking lot

Description automatically generated

How long does it take until a black car and a white car pull into the parking lot and people exit from both cars?

A car parked in a parking lot

Description automatically generated

Answer: About three minutes

Task 2: Counting Task

A street sign in the middle of a street

Description automatically generated

Of all the people that wait at this stop sign, how many of them were carrying a suitcase?

A person standing on the street

Description automatically generated A person with luggage on a street

Description automatically generated A person standing in the middle of a street

Description automatically generated A person standing on the street

Description automatically generated

Answer: Four people

Task 3: A task that is not possible for the user to complete.

After this lady unloads her white purse from her car (39:19):

A person standing in a parking lot

Description automatically generated

What is the shirt of the man that walks out of this building on the left:

A person riding a bike in a parking lot

Description automatically generated

* Red
* Black
* White
* Blue
* There is no man that exists that building.

Phase 4: Opinions About Our System

* What was the timeline representation that you liked using the most?
  + Timeline 1 (Linear Timeline)
  + Timeline 2 (Linear Timeline + Density Graph)
  + Timeline 3 (Linear Timeline + Timeline of Event Blocks)
  + Timeline 4 (Linear Timeline + Density Graph + Timeline of Event Blocks)
  + Timeline 5 (Linear Timeline + Event Thumbnails)
* Please explain your answer to the previous question.
* What was the timeline representation that you liked using the least?
  + Timeline 1 (Linear Timeline)
  + Timeline 2 (Linear Timeline + Density Graph)
  + Timeline 3 (Linear Timeline + Timeline of Event Blocks)
  + Timeline 4 (Linear Timeline + Density Graph + Timeline of Event Blocks)
  + Timeline 5 (Linear Timeline + Event Thumbnails)
* Please explain your answer to the previous question.
* What are your overall opinions on our current system?
* Are there any other features you think would be nice to implement in our current system?
* Do you believe the tasks we had you perform were realistic to those you look for when you browse for events in your security camera footage?

Phase 5: Wrap-up

* Do you have any questions for us?
* Thank the participant for their time.
* Let the participant know the timeline for compensation.