On November 30, 2021, Defendant Kirk published an additional video, on the TikTok account @wholesomehealingatl, responding to a viewer’s comment. In the video, Kirk again states that “Rachel Depalma doxxed someone’s IP address” and that using Rachel Depalma’s website would be “unsafe.” On November 30, 2021, Defendant Kirk registered the domain name “noquietnopeace.org” for the purpose of creating harassing and defamatory content about the Rachel Depalma.

Implied Type: If there is a label without a type, we expect GPT will recognize the type.

Value: A specific piece of evidence with a value. Value is always present in text.

Type: A Semantic category of the label. A category may contain similar labels.

Undefined Value: If a type is present in the text, However, if there is no label attached to the type, then the label is undefined. Undefined labels are missing information.

Node Table:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Evidence Value** | **Evidence Category** | Implied Type? | Prompt V1  AI Match ? (Y/N) | Prompt Default AI Match |
| Rachel Depalma | Person’s Name | N | Y |  |
| Kirk | Person’s Name | N | Y |  |
| @wholesomehealingatl | Tik Tok Account | Y | N |  |
| Tik Tok | App | Y | N |  |
| noquietnopeace.org | Website | N | Y |  |
| November 30, 2021 | Date | N | Y |  |
| “doxxed someone’s IP address” | Message | Y | N |  |
| “unsafe.” | Message | Y | N |  |
| Undefined | IP ADDRESS | Y |  |  |
| Undefined | Video | Y |  |  |
| Undefined | Website | Y |  |  |

Entity : Contains Label or Type

Edge: Represents relationship between two entities. If we cannot find the label , we use the label’s type. Verb must be present in text.

Edge:

|  |  |  |  |
| --- | --- | --- | --- |
| **Evidence Value 1** | **Evidence Value 2** | **Relationship 1 -> 2** |  |
| KIRK | NOQUIETNOPEACE.ORG | Registered |  |
| KIRK | VIDEO | published |  |
| KIRK | RACHEL DEPALMA | Stated | Accused |
| KIRK | NOVEMBER 30, 2021 | ? | Acted on |
| RACHEL DEPALMA | IP ADDRESS | doxxed |  |
| Website | “unsafe” | is |  |
| Kirk | @wholesomehealingatl | ? | Owns |

Research Question: For the node table, can we make the prompt create and fill in the table and fill in the question marks?

Define label /type definition in prompt

|  |
| --- |
| PROMPT V1 |
| -Goal-  Given a text document that is potentially relevant to this activity, identify all digital evidence entities and their relationships, focusing on forensic artifacts.  -Steps-  1. Identify all digital evidence entities. Digital evidence can encompass a wide range of data types and sources, including but not limited to:  1. Personal Identifiers: Name, Address, Phone number, Email address, Social Security number, Date of birth  2. Network Information: IP address, MAC address, Login credentials  3. Communication Records: Emails, Text messages, Social media messages and posts  4. Financial Data: Bank account information, Credit card numbers, Transaction ID, Cryptocurrency wallet addresses  5. Location Data: GPS latitude and longitude  6. Device Information: Device type and model, Operating system and version, Installed applications, System logs  7. Internet Activity: Browsing URL, Search queries  For each identified entity, extract the following information:  - entity\_name: Name of the entity, capitalized  Format each entity as ("entity"{tuple\_delimiter}<entity\_name>)  2. From the entities identified in step 1, identify all pairs of (source\_entity, target entity) that are clearly related to each other. Common types of relationships between digital evidence include:  1. Communication Relationships: e.g., [Phone number A, calls, Phone number B]  2. Ownership/Association: e.g., [Person, owns, Device]  3. Temporal Relationships: e.g., [File A, created before, File B]  4. Spatial Relationships: e.g., [Device, located at, GPS coordinates]  5. Causal Relationships: e.g., [Malware installation, causes, Data breach]  6. Data Flow: e.g., [File, transferred from, Device A, to, Device B]  7. Access Relationships: e.g., [User, accesses, File]  8. Modification Relationships: e.g., [User, edits, Document]  9. Financial Transactions: e.g., [Account A, transfers funds to, Account B]  10. Social Connections: e.g., [User A, friends with, User B] on a social network  11. Software Interactions: e.g., [Application, generates, Log file]  12. Content Relationships: e.g., [Document A, contains similar text to, Document B]  For each pair of related entities, extract the following information:  - source\_entity: name of the source entity, as identified in step 1  - target\_entity: name of the target entity, as identified in step 1  - relationship\_type: One of the relationship types listed above  - relationship\_strength: a numeric score indicating strength of the relationship between the source entity and target entity (1-10, where 10 is the strongest)  Format each relationship as ("relationship"{tuple\_delimiter}<source\_entity>{tuple\_delimiter}<target\_entity>{tuple\_delimiter}<relationship\_type>{tuple\_delimiter}<relationship\_strength>)  3. Return output in English as a single list of all the entities and relationships identified in steps 1 and 2. Use \*\*{record\_delimiter}\*\* as the list delimiter.  4. When finished, output {completion\_delimiter}  -Real Data-  Entity\_types: {entity\_types}  Text: {input\_text} |