

Student:

Jordan Calvert

Email:

jordanryancalvert@gmail.com

Time on Task:

4 hours, 24 minutes

Progress:

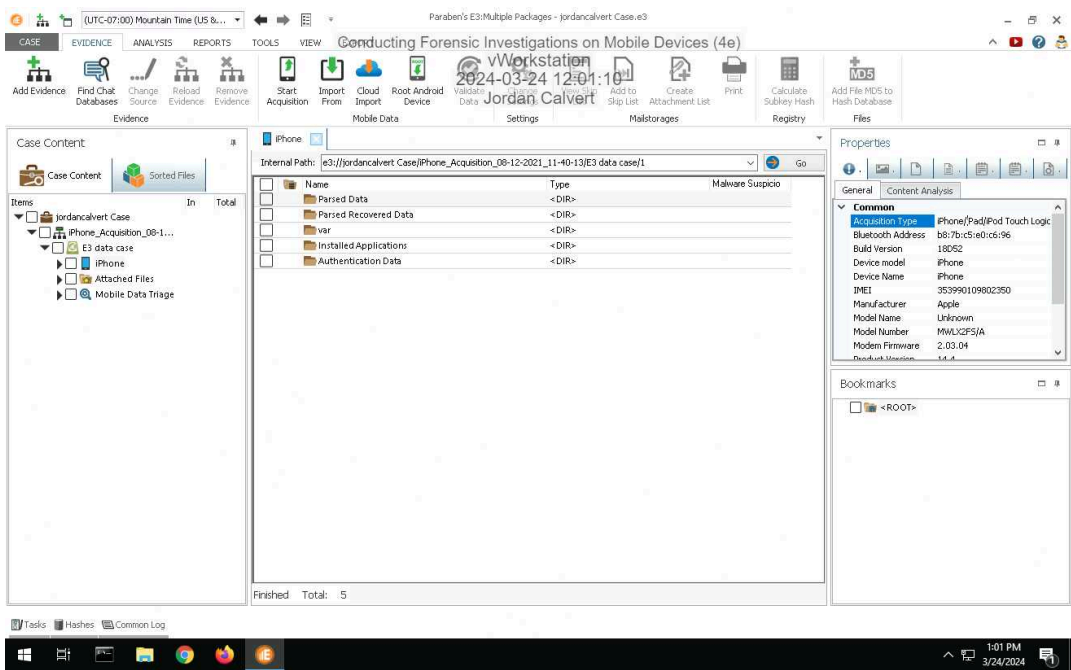
100%

Report Generated: Wednesday, May 15, 2024 at 10:48 AM

Section 1: Hands-On Demonstration

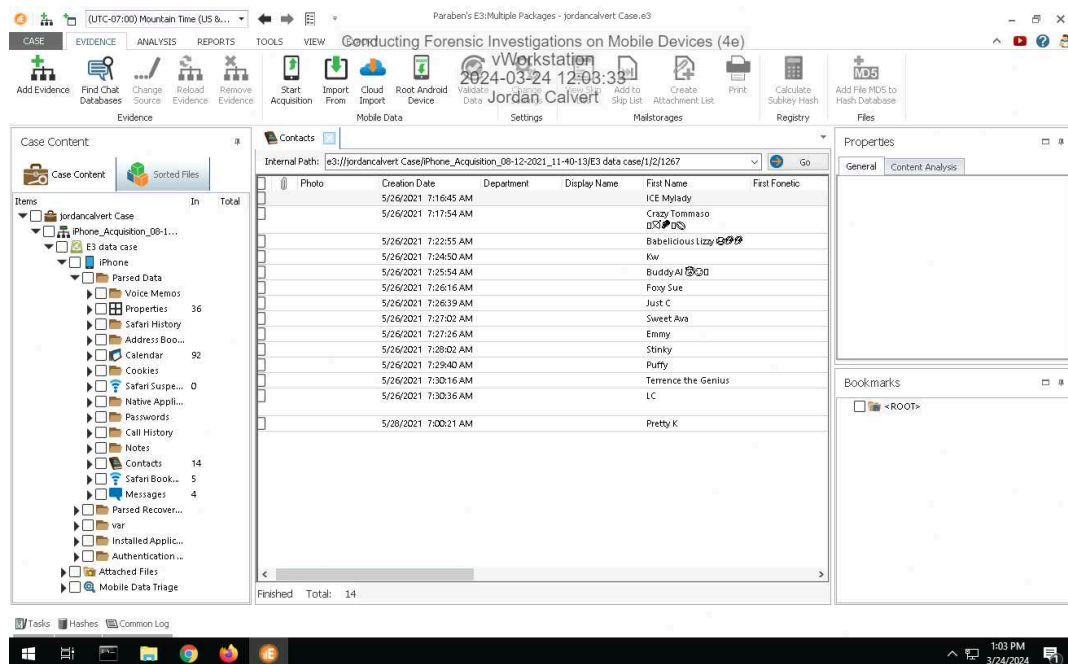
Part 1: Identify Forensic Evidence in an iOS Data Case

8. Make a screen capture showing the contents of the Properties pane.

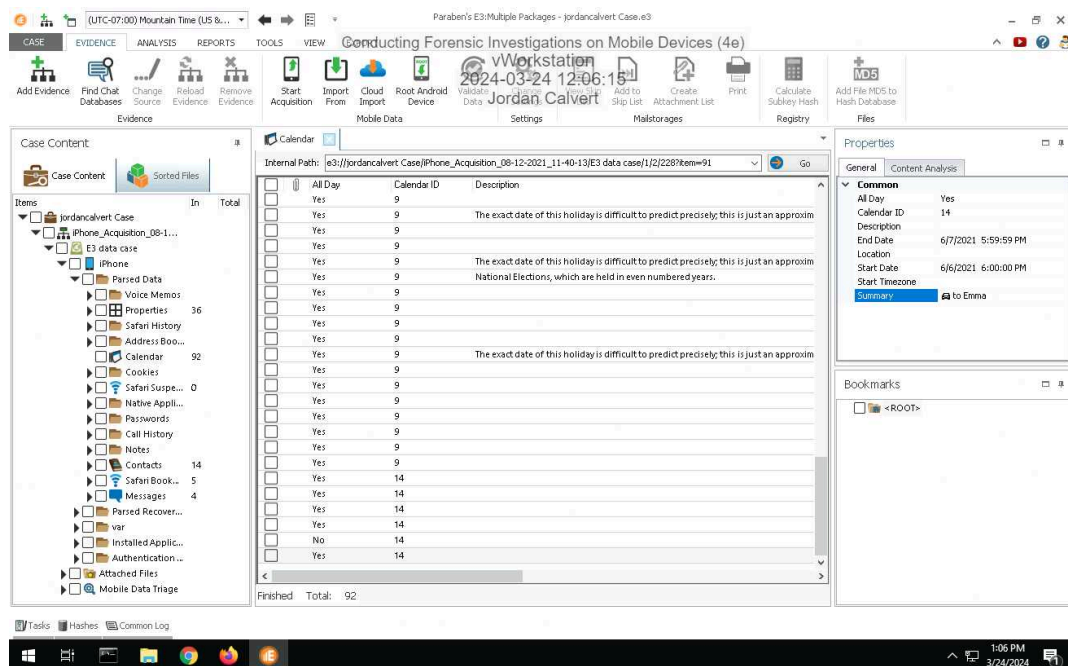


Digital Forensics, Investigation, and Response, Fourth Edition - Lab 08

11. **Make a screen capture** showing the **contents of the Contacts grid**.



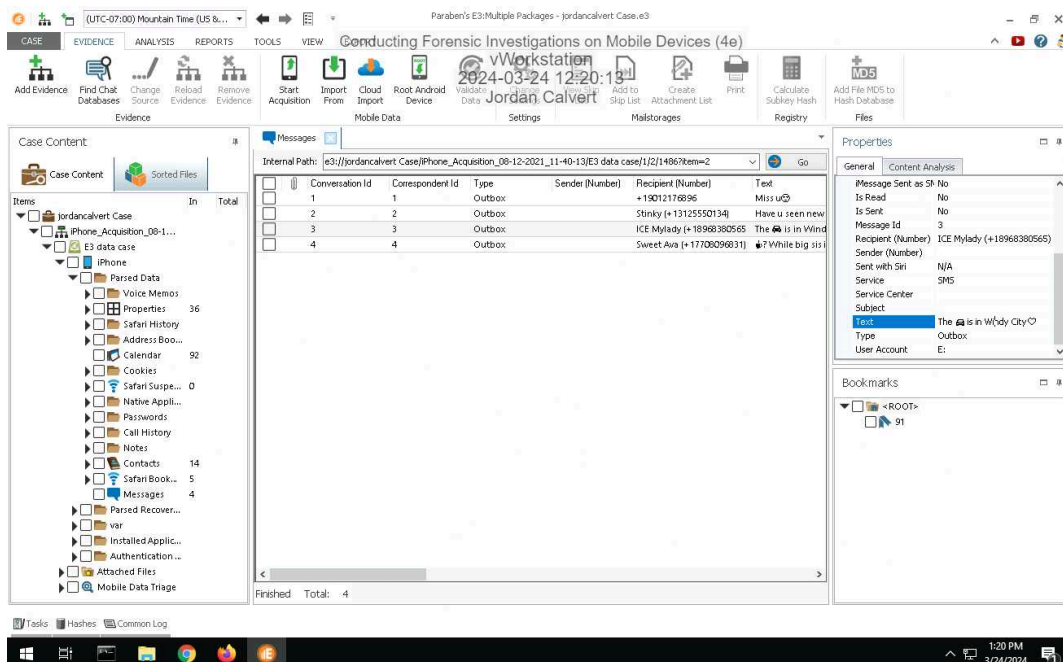
14. **Make a screen capture** showing the **contents of the Calendar grid**.



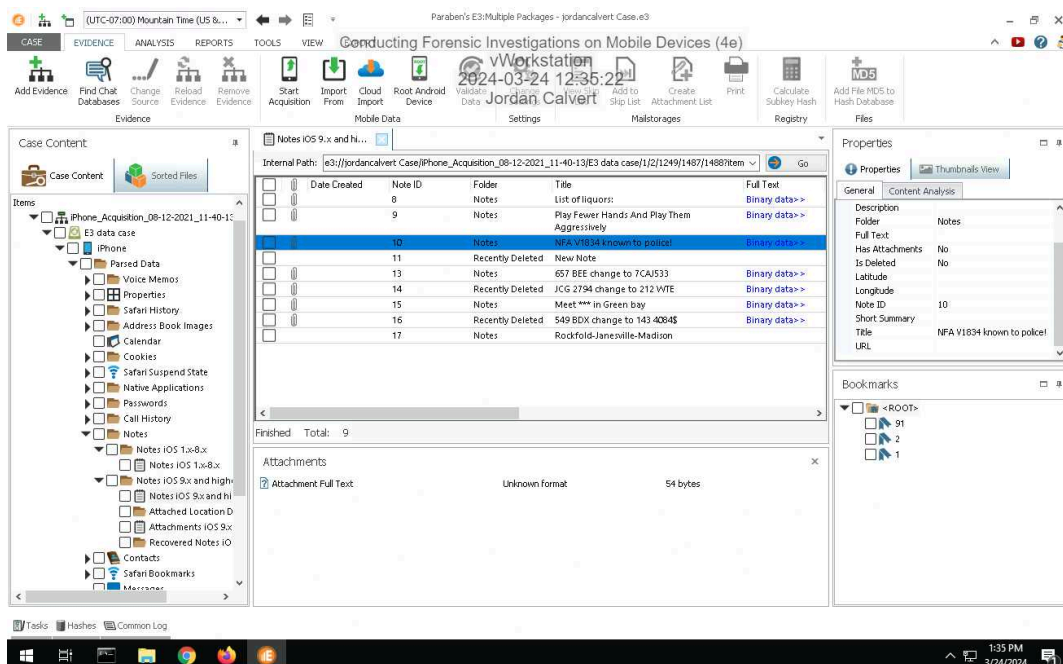
Conducting Forensic Investigations on Mobile Devices (4e)

Digital Forensics, Investigation, and Response, Fourth Edition - Lab 08

20. Make a screen capture showing the contents of the Messages grid.



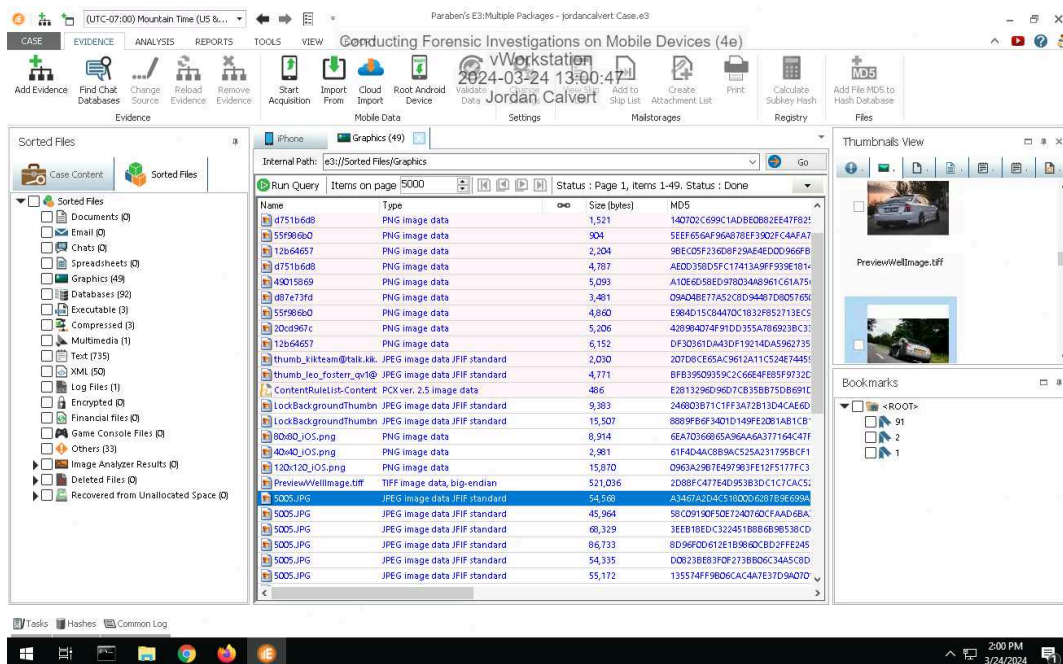
24. Make a screen capture showing the contents of the Notes grid.



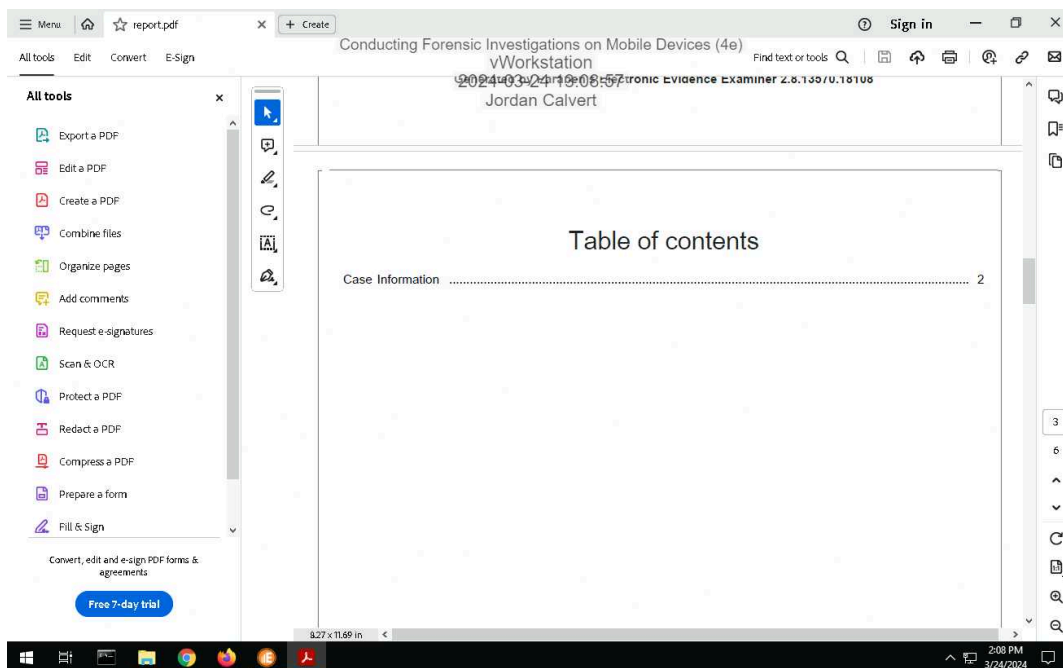
Conducting Forensic Investigations on Mobile Devices (4e)

Digital Forensics, Investigation, and Response, Fourth Edition - Lab 08

34. Make a screen capture showing at least two car pictures in the Thumbnail View.

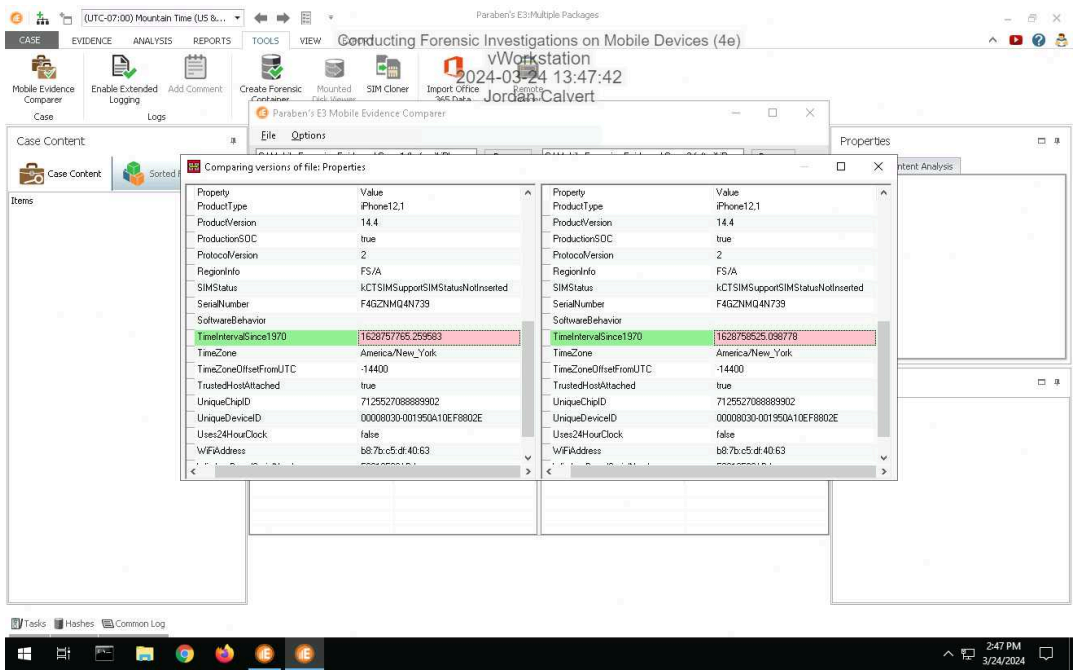


44. Make a screen capture showing the Table of contents in the investigative report.

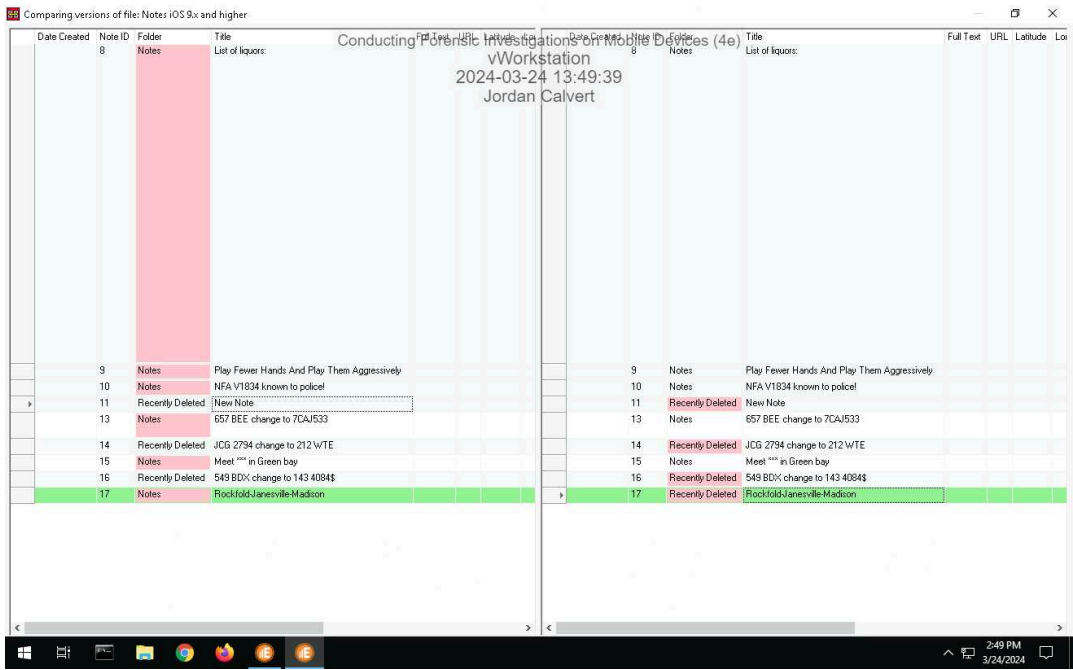


Part 2: Compare iOS Data Cases

10. Make a screen capture showing the difference in data case properties.



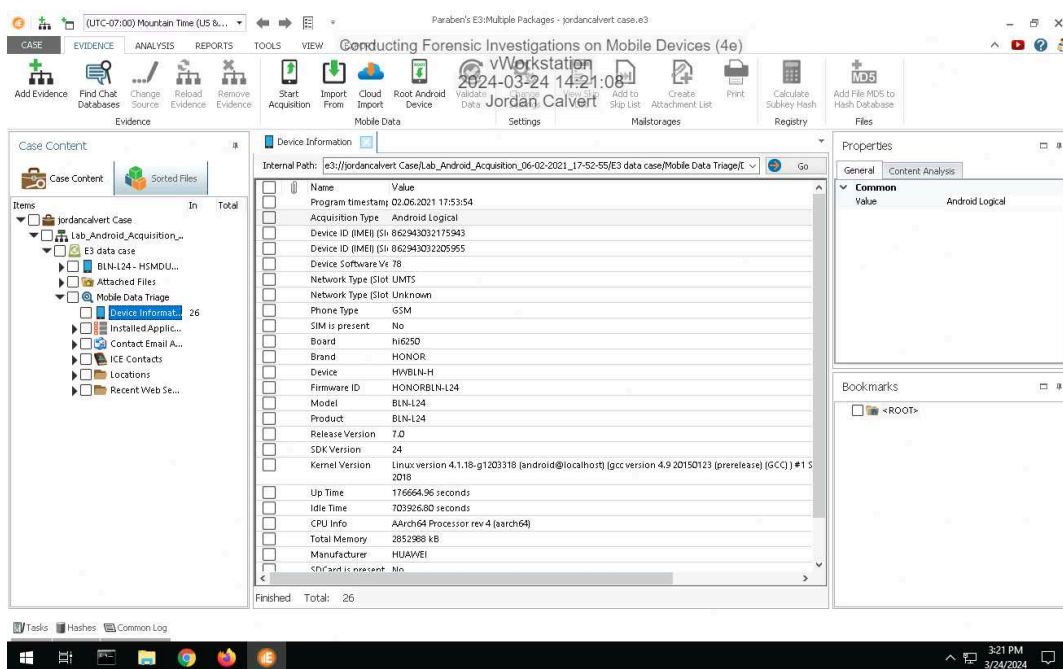
15. Make a screen capture showing the additional note in the newer data case.



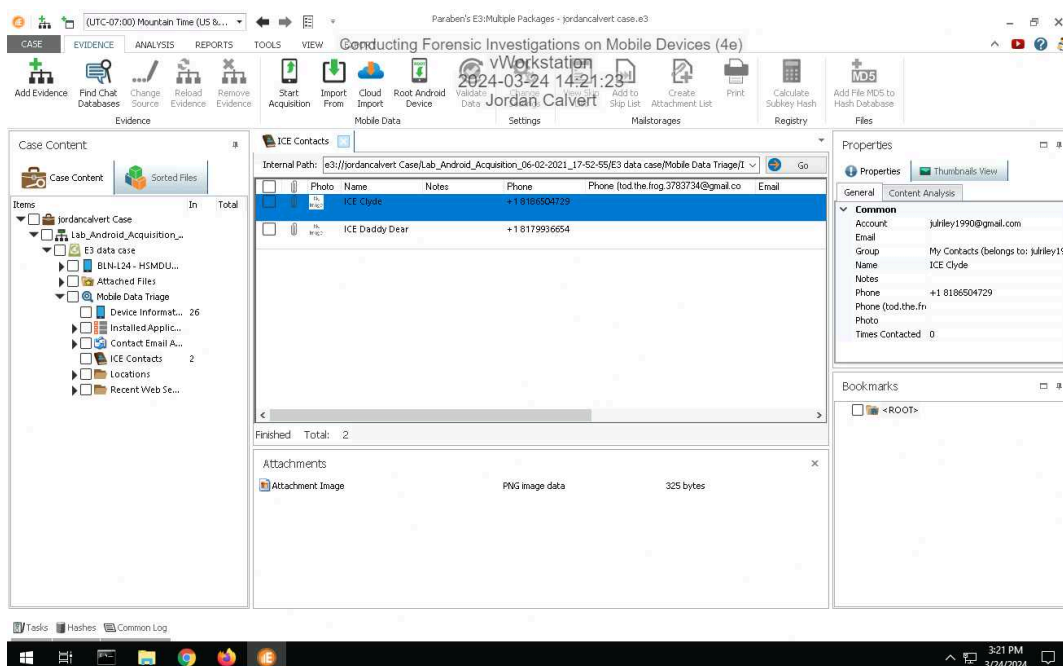
Section 2: Applied Learning

Part 1: Identify Forensic Evidence in Android User Data

7. Make a screen capture showing the Device Information.



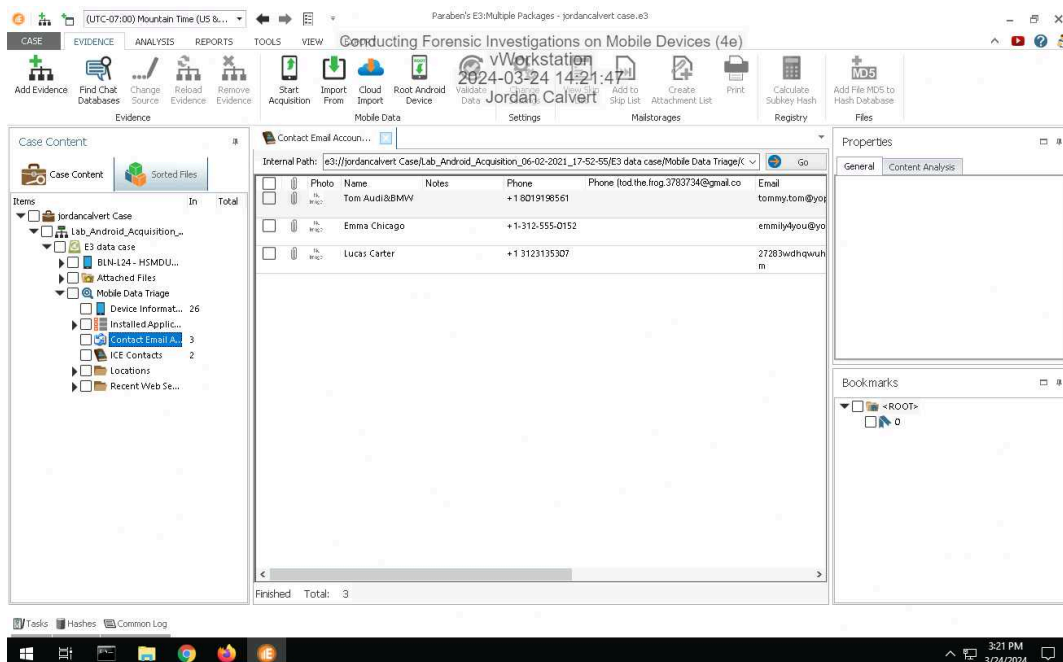
9. Make a screen capture showing the ICE Contacts.



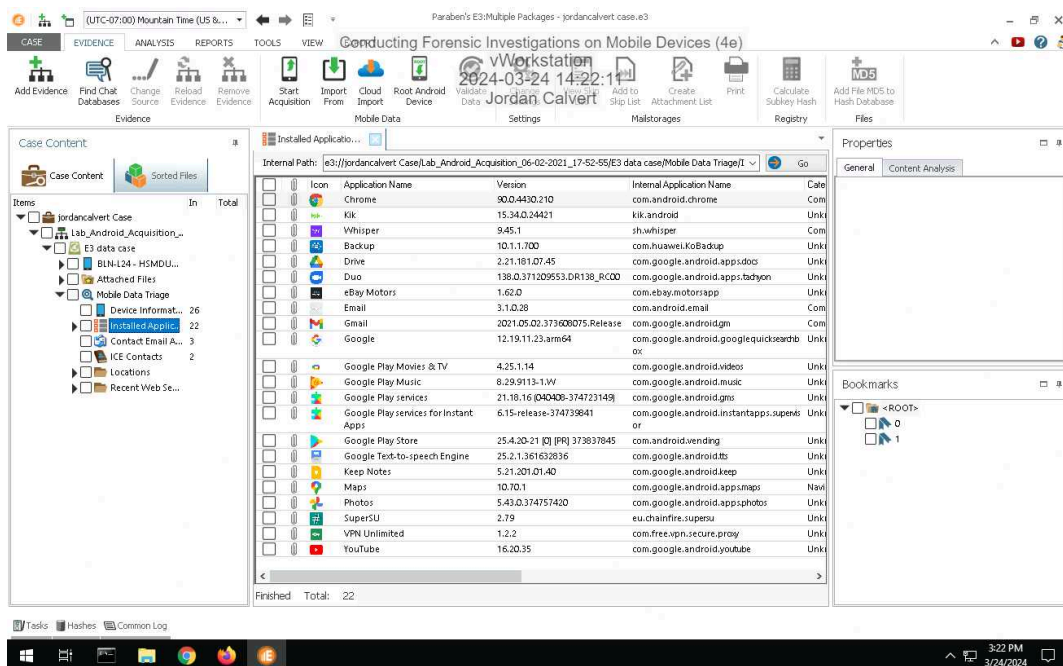
Conducting Forensic Investigations on Mobile Devices (4e)

Digital Forensics, Investigation, and Response, Fourth Edition - Lab 08

12. Make a screen capture showing the Contact Email Accounts.



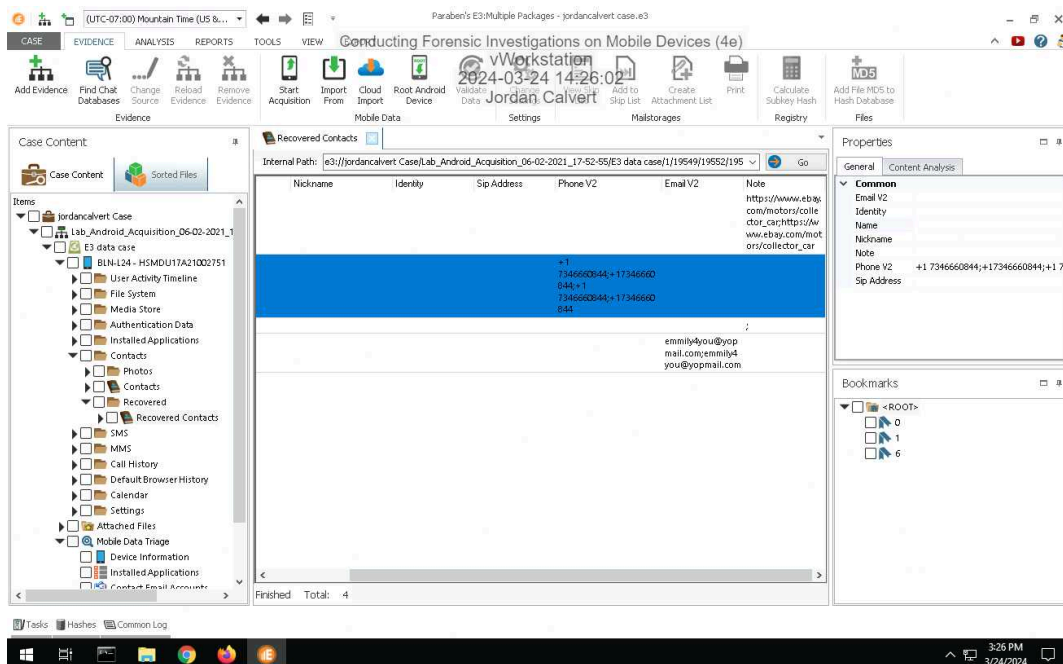
15. Make a screen capture showing the Installed Applications.



Conducting Forensic Investigations on Mobile Devices (4e)

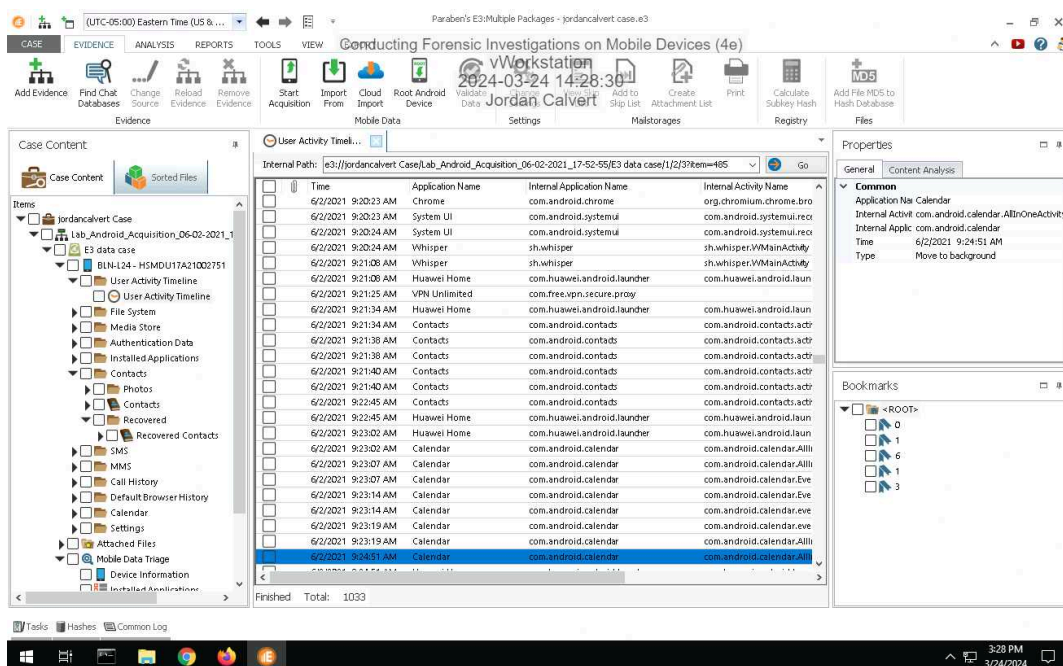
Digital Forensics, Investigation, and Response, Fourth Edition - Lab 08

19. Make a screen capture showing the recovered contact information from the Android phone.



Part 2: Identify Forensic Evidence in Android Application Data

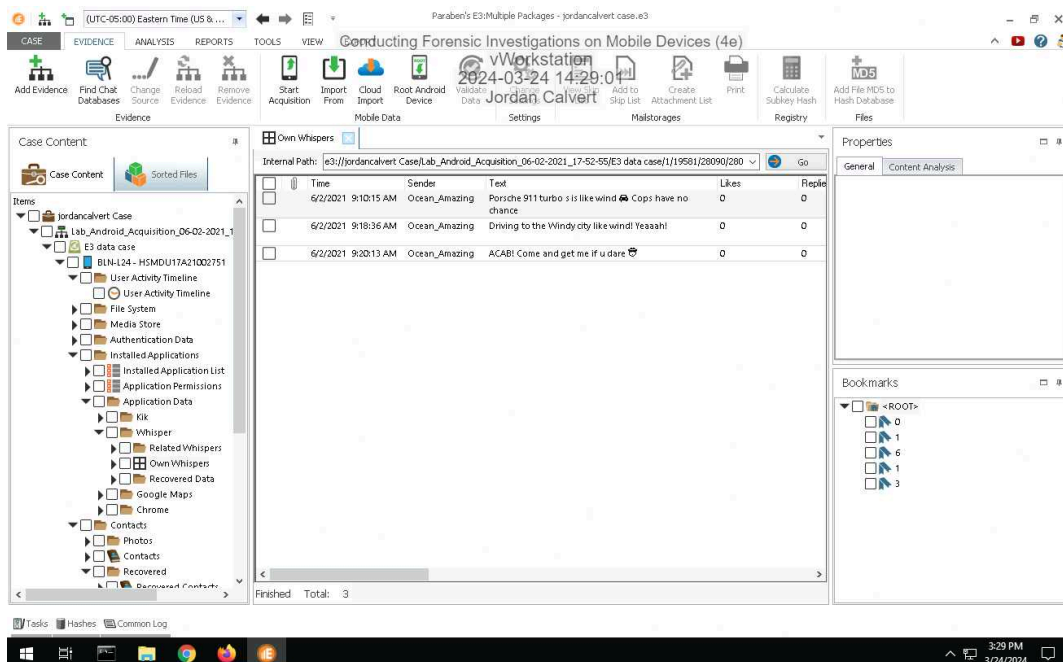
4. Make a screen capture showing the User Activity Timeline between 9:17:47 AM and 9:24:51 AM on 6/2/2021.



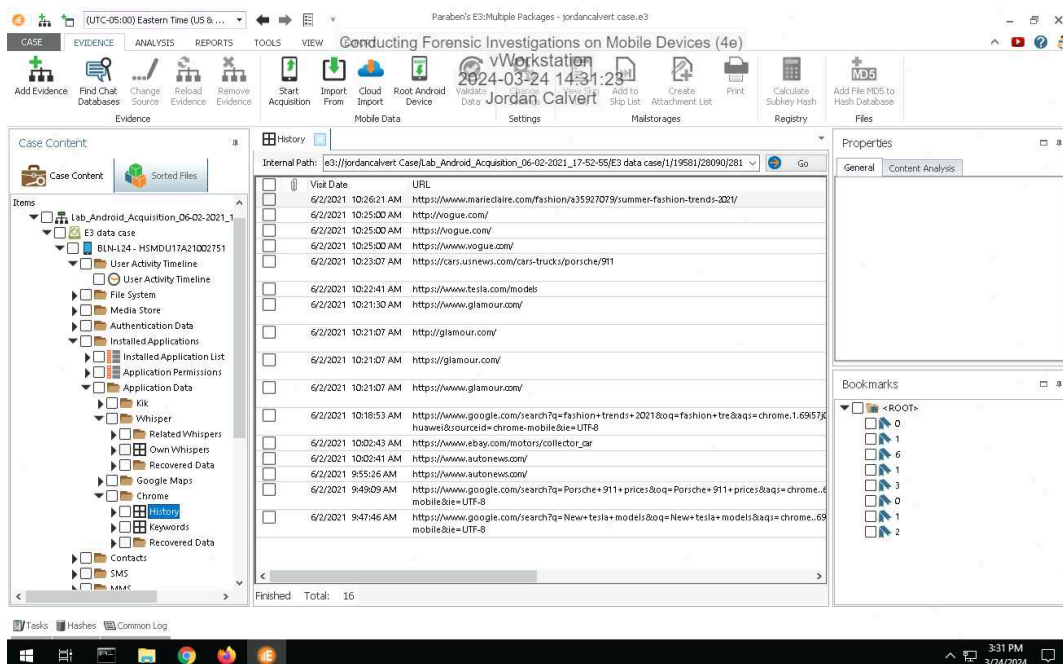
Conducting Forensic Investigations on Mobile Devices (4e)

Digital Forensics, Investigation, and Response, Fourth Edition - Lab 08

7. Make a screen capture showing the contents of the Own Whispers grid.



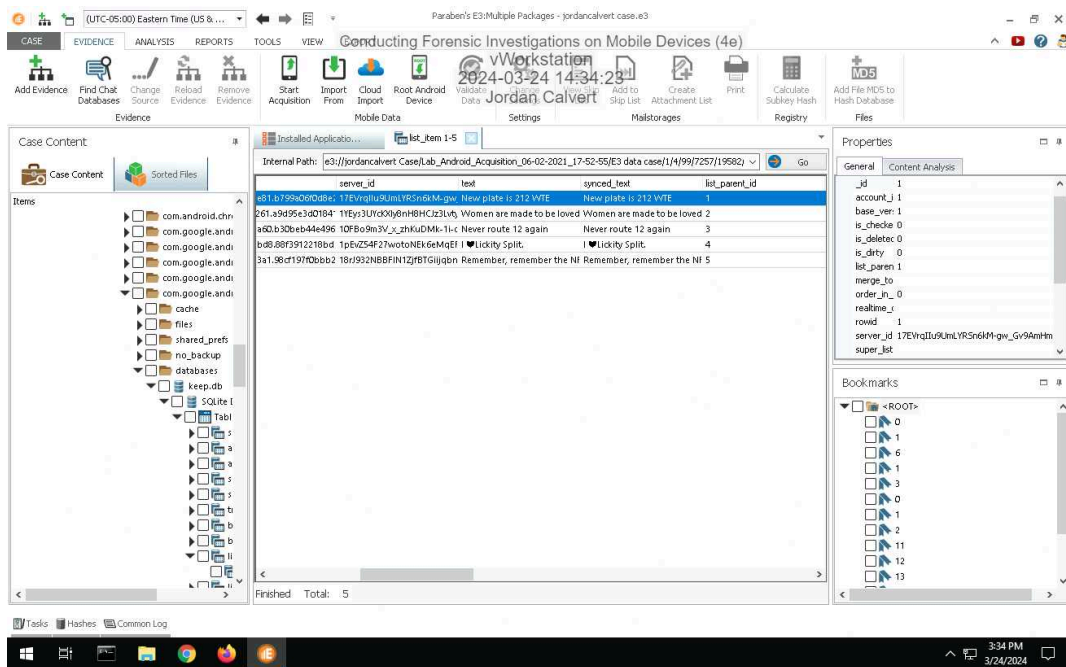
10. Make a screen capture showing the contents of the History grid.



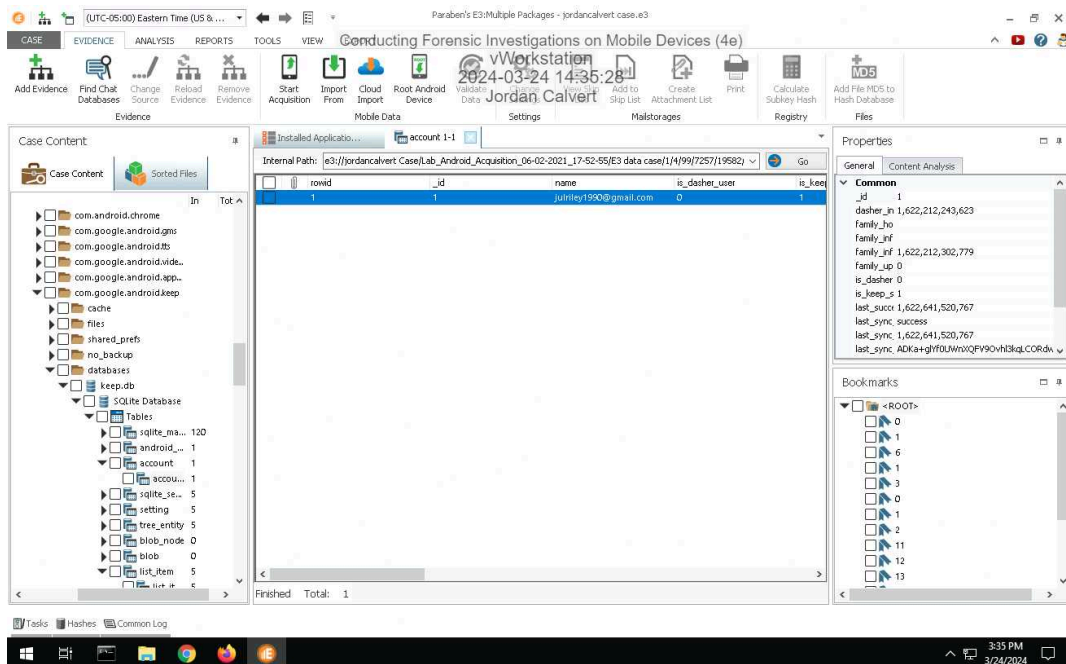
Conducting Forensic Investigations on Mobile Devices (4e)

Digital Forensics, Investigation, and Response, Fourth Edition - Lab 08

17. Make a screen capture showing the contents of the list_item 1-5 table.



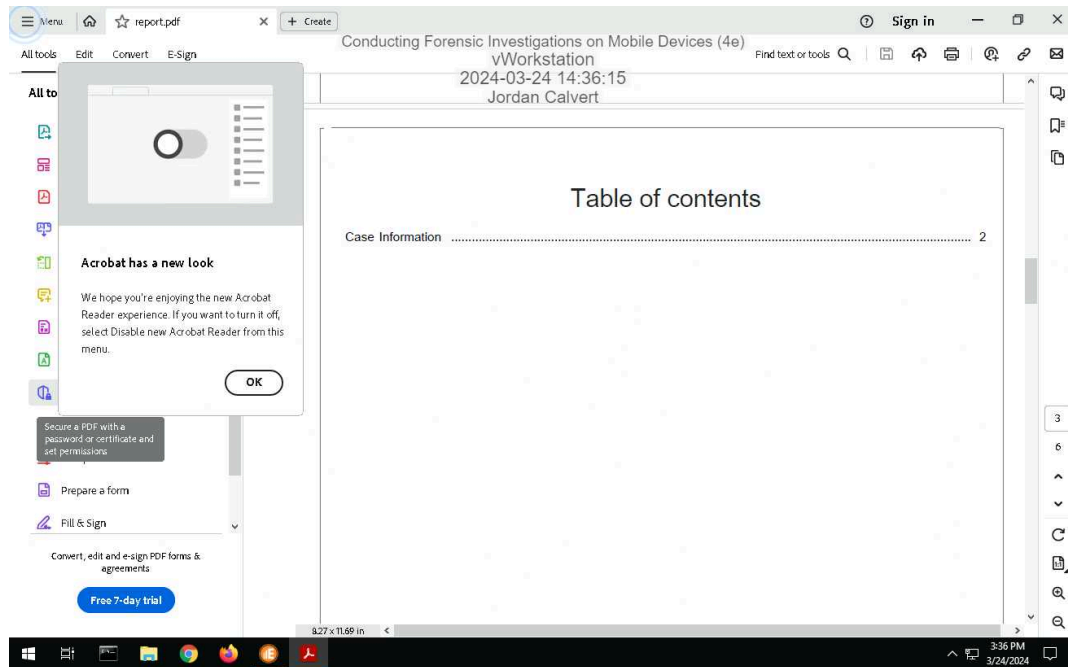
20. Make a screen capture showing the Keep Notes account owner.



Conducting Forensic Investigations on Mobile Devices (4e)

Digital Forensics, Investigation, and Response, Fourth Edition - Lab 08

23. Make a screen capture showing the Investigative Report's Table of Contents.



Section 3: Challenge and Analysis

Part 1: Research Report Writing for Digital Forensics

Prepare a brief summary of the appropriate structure and best practices for preparing a digital forensics report.

To prepare a digital forensic report, the forensic investigator must include these information: 1. A brief case summary. This refers to describing why there should be an investigation and who is asking for that investigation to be conducted. 2. A Forensic Acquisition and Exam preparation. This refers to the step by process while handling the evidence, the chain of custody. 3. The Findings and Report of the investigation. This refers to the steps taken to forensically analyze evidence, starting from evidence acquisition to the tools and technics used to extract and analyze those evidences. 4. The conclusion of the findings.

Part 2: Draft a Forensic Report

Case Summary

On this day, our team has been contacted to investigate on a car theft case. To conduct the investigation, we have been provided with two two smartphones (iOS and Android) that belong to the suspects in an organized car theft operation who identify themselves as Bonnie and Clyde. We have been asked to identify evidence related to the car theft from the confiscated smartphones

Findings and Analysis

After completing the forensic acquisition of the two smartphones (iOS and Android) belonging to the suspects, I began analyzing their forensic image with E3 Paraben tool. A review of the notes on the iPhone confirmed that the suspect knew a specific license plate number was known to police. I also found out three notes relating to license plates being replaced. A review of the gallery on the same iPhone showed pictures including the license plates of the vehicles. I suspect these may be the new license plates added to the cars after they were stolen.

Conclusion

The investigation into the car theft case, centered around smartphones owned by suspects Bonnie and Clyde, revealed incriminating evidence through digital forensics. Notes on an iPhone indicated knowledge of police-tracked license plates and plans to replace them, while photos suggested involvement in altering stolen vehicles' identities. The analysis, conducted with the E3 Paraben tool, strongly links the suspects to the thefts. This concise evidence provides a clear connection to the crime, demonstrating the effectiveness of digital forensic investigation.