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Hackathon Findings:

CryptoGuard:
- Flaw with Host name verification for carereport. The mutant log identifies it, but the tool fails to catch it. Located at line 69 in care report WebDavClient, this issue trusts all hostnames.
- Flaw with CipherInstance in line 55 of personal_dns. The mutant log identifies it, but CryptoGuard doesn't find it. This indicates that the cipher is weak and is vulnerable to attack.

Crysl:
- Failure to reach instances of the ConstraintError (A constraint of a CrySL rule is violated, e.g., a key is generated with the wrong key size.) in the BMI app.
  - Through analysis of the bmi.log and the BMIMain.java files, there are 21 places in the code in which the parameter provided to javax.crypto.Cipher.getInstance() is "DES" throughout the entire BMIMain.java file, yet only three of these are discovered by the Crysl tool.
  - This is bad because DES can be cracked easily and this tool was unable to find every single usage.