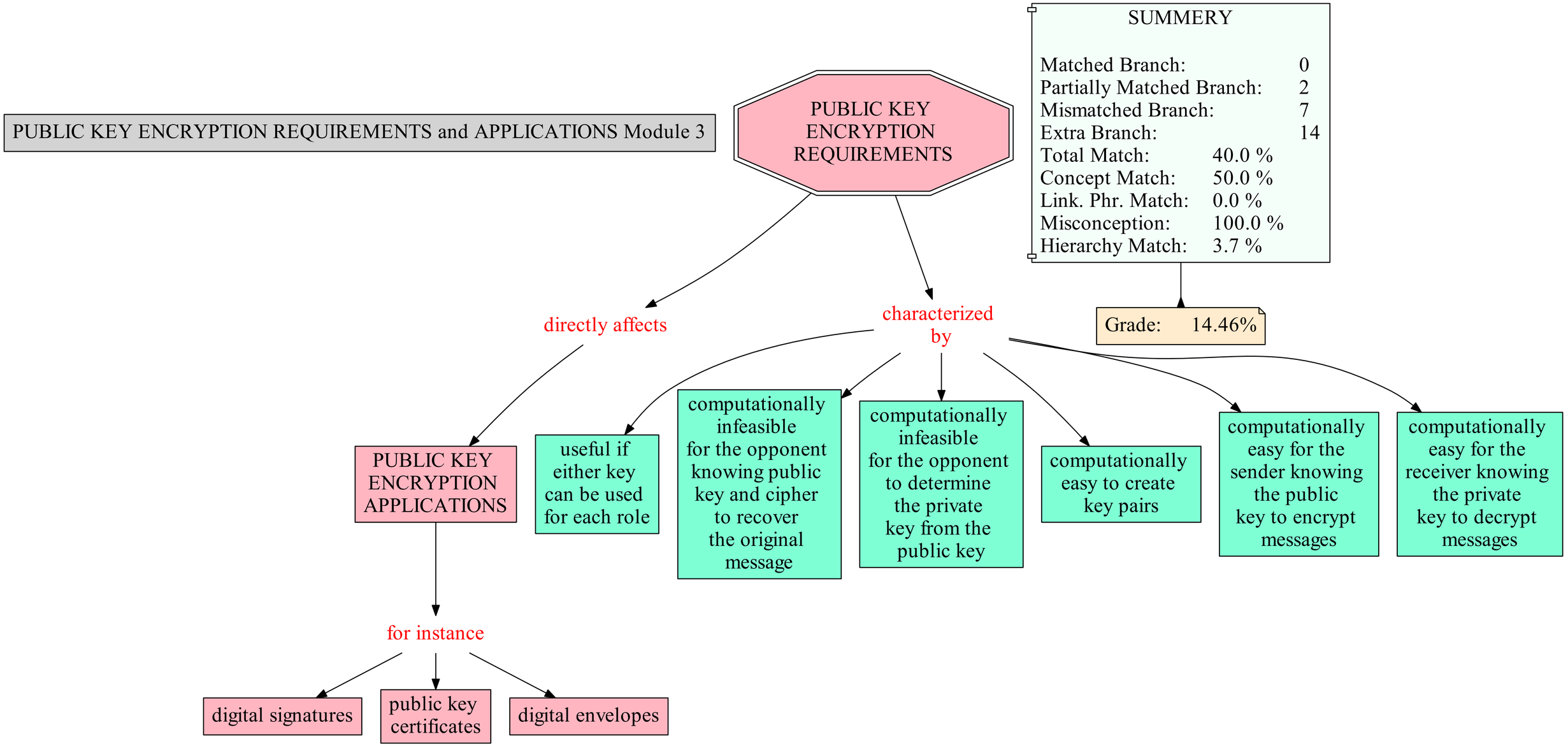
PUBLIC KEY ENCRYPTION REQUIREMENTS and APPLICATIONS Module 3
PUBLIC KEY ENCRYPTION REQUIREMENTS
SUMMERY
Matched Branch: 0
Partially Matched Branch: 2
Mismatched Branch: 7
Extra Branch: 14
Total Match: 40.0 %
Concept Match: 50.0 %
Link. Phr. Match: 0.0 %
Misconception: 100.0 %
Hierarchy Match: 3.7 %
Grade: 14.46%
directly affects
characterized by
PUBLIC KEY ENCRYPTION APPLICATIONS
useful if either key can be used for each role
computationally infeasible for the opponent knowing public key and cipher to recover the original message
computationally infeasible for the opponent to determine the private key from the public key
computationally easy to create key pairs
computationally easy for the sender knowing the public key to encrypt messages
computationally easy for the receiver knowing the private key to decrypt messages
for instance
digital signatures
public key certificates
digital envelopes