Below is the hierarchical tree structure for the security case of ACAS Xu based on the provided security case pattern for threat identification. The instantiation process involves replacing all placeholders with specific information for ACAS Xu and adjusting for full instantiation of all goals and context descriptions except where a goal remains undeveloped.

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- Goal (G0, "ACAS Xu satisfies security requirements")

- Context (C0, "Description of ACAS Xu")

- Context (C1, "Security requirements (SR) are requirements about protecting the system from malicious entities")

- Justification (J0, "The argumentation is based on satisfaction of security requirements (SRs)")

- Assumption (A0, "System SRS are complete, adequate, and consistent")

- Strategy (S0, "Argue through asset protection and secure development requirements")

- Goal (G1, "ACAS Xu satisfies the asset protection requirements")

- Assumption (A1, "Asset inventory is established")

- Strategy (S1, "Argue through the different stages of the system development life cycle")

- Goal (G3, "Asset protection requirements are met during the architecture design phase")

- Context (C2, "Description of the ACAS Xu architecture")

- Strategy (S2, "Argue through deriving security threats from SRs")

- Goal (G5, "ACAS Xu architecture is protected against identified security threats (STs)")

- Assumption (A2, "All relevant threats have been identified")

- Strategy (S3, "Argue over each security threat")

- Goal (G0.X, "ACAS Xu architecture is protected against STX") [Undeveloped and Uninstantiated]

- Goal (G6, "ACAS Xu architecture is validated") [Undeveloped and Uninstantiated]

- Context (C3, "Description of ACAS Xu architecture model")

- Assumption (A3, "ACAS Xu architecture model is well defined in formal method")

- Justification (J1, "Detection and mitigation of threats fulfill SRs")

- Goal (G4, "Asset protection requirements are met during other phases") [Undeveloped]

- Goal (G2, "ACAS Xu satisfies secure development requirements") [Undeveloped and Uninstantiated]

```

This instantiated tree structure represents the fully developed assurance case for ACAS Xu, detailing how the various elements interact and support the top-level security goals. The uninstantiated and undeveloped elements need further specification and development to complete the argument structure. This instantiation replaces placeholders with the specific system information for ACAS Xu and refines the scope according to available project data and security requirements.