Based on the security case pattern provided and the domain information for ACAS Xu, the instantiated security case using Goal Structuring Notation (GSN) components is as follows:

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G0: ACAS Xu satisfies security requirements

- S0: Argue through asset protection and secure development requirements

- G1: ACAS Xu satisfies the asset protection requirements

- S1: Argue through the different stages of the system development life cycle

- G3: Asset protection requirements are met during the architecture design phase

- S2: Argue through deriving security threats from SRs

- G5: ACAS Xu architecture is protected against identified security threats (STs) (undeveloped)

- G6: ACAS Xu architecture is validated (undeveloped and uninstantiated)

- G4: Asset protection requirements are met during other phases (undeveloped)

- G2: ACAS Xu satisfies secure development requirements (undeveloped and uninstantiated)

Context Elements:

- C0: Description of ACAS Xu (uninstantiated)

- C1: SR are requirements about protecting ACAS Xu from malicious entities

- C2: Description of the ACAS Xu architecture (uninstantiated)

- C3: Description of ACAS Xu architecture model (uninstantiated)

Justification Elements:

- J0: The argumentation is based on satisfaction of security requirements (SRs)

- J1: Detection and mitigation of threats fulfill security requirements (SRs)

Assumption Elements:

- A0: System security requirements are complete, adequate, and consistent

- A1: Asset inventory is established for ACAS Xu

- A2: All relevant threats have been identified to ACAS Xu

- A3: ACAS Xu architecture model is well defined in formal method (uninstantiated)

Security Threat Specific Goals (Using textual example for 3 threats identified):

- G0.1: ACAS Xu architecture is protected against ST1: Tampering

- G0.2: ACAS Xu architecture is protected against ST2: Spoofing

- G0.3: ACAS Xu architecture is protected against ST3: Elevation of privileges

Each G0.X is supported by Strategy S3:

- S3: Argue over each security threat

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In this hierarchical tree representation, levels are denoted using different numbers of dashes (-), representing the tree structure from the top level goals down to specific goals related to strategies and contexts. Uninstantiated statuses indicate that specific elements need further context or information incorporation from the system specifics, while undeveloped denotes those parts of the argument that need further development.