Based on the provided security case pattern predicates for instant messaging (IM) software, I'll instantiate the security case and display it in a hierarchical tree format using dashes (-) to denote different levels.

\*\*Security Case for Instant Messaging (IM) Software:\*\*

- \*\*G1: IM software is acceptably secure in its system\*\*

- \*\*C1: Definition and description of IM software\*\*

- \*\*C2: Description of the system\*\*

- \*\*C3: Definition of acceptably secure\*\*

- \*\*S1: Argument that IM software assets are under protection\*\*

- \*\*J1: Protection of software assets supports that IM software is acceptably secure\*\*

- \*\*G2: All identified IM software critical assets are protected\*\*

- \*\*S2: Respective arguments of IM software critical assets\*\*

- \*\*C4: List of IM software critical assets\*\*

- \*\*J2: Relationship between assets is clear and can be argued separately\*\*

- \*\*G3.1: Registration information is protected\*\*

- \*\*S3.1: Argument of the type to which the Registration information belongs to\*\*

- \*\*C5.1: List of software critical asset types in PEDD\*\*

- \*\*J3.1: Types of software assets are according to PEDD\*\*

- \*\*G4.1.1: Registration information which belongs to Data Storage is protected\*\*

- \*\*G3.2: Registration process is protected\*\*

- \*\*S3.2: Argument of the type to which the Registration process belongs to\*\*

- \*\*C5.2: List of software critical asset types in PEDD\*\*

- \*\*J3.2: Types of software assets are according to PEDD\*\*

- \*\*G4.2.1: Registration process which belongs to Process is protected\*\*

- \*\*G3.3: User account information is protected\*\*

- \*\*S3.3: Argument of the type to which the User account information belongs to\*\*

- \*\*C5.3: List of software critical asset types in PEDD\*\*

- \*\*J3.3: Types of software assets are according to PEDD\*\*

- \*\*G4.3.1: User account information which belongs to Data Storage is protected\*\*

- \*\*G3.4: Authentication information is protected\*\*

- \*\*S3.4: Argument of the type to which the Authentication information belongs to\*\*

- \*\*C5.4: List of software critical asset types in PEDD\*\*

- \*\*J3.4: Types of software assets are according to PEDD\*\*

- \*\*G4.4.1: Authentication information which belongs to Data Storage is protected\*\*

- \*\*G3.5: Login process is protected\*\*

- \*\*S3.5: Argument of the type to which the Login process belongs to\*\*

- \*\*C5.5: List of software critical asset types in PEDD\*\*

- \*\*J3.5: Types of software assets are according to PEDD\*\*

- \*\*G4.5.1: Login process which belongs to Process is protected\*\*

- \*\*G3.6: Chat logs are protected\*\*

- \*\*S3.6: Argument of the type to which the Chat logs belongs to\*\*

- \*\*C5.6: List of software critical asset types in PEDD\*\*

- \*\*J3.6: Types of software assets are according to PEDD\*\*

- \*\*G4.6.1: Chat logs which belong to Data Storage is protected\*\*