Based on the given security case pattern and domain information for instant messaging (IM) software, here is the instantiated security case in hierarchical tree format for the IM software with dashes (-) representing different levels:

```plaintext

G1: Instant Messaging (IM) software is acceptably secure in Instant Messaging System.

- C1: Definition and description of Instant Messaging (IM) software

- C2: Definition and description of Instant Messaging System

- C3: Definition of acceptably secure

- S1: Argument that IM software assets are under protection

- J1: Protection of IM 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: Argument of the type which the Registration information belongs to

- C5: List of IM software critical asset types in PEDD

- J3: Types of IM software assets are according to PEDD

- G4.1: Registration information which belongs to Data Storage is protected

- G3.2: Registration process is protected

- S3: Argument of the type which the Registration process belongs to

- C5: List of IM software critical asset types in PEDD

- J3: Types of IM software assets are according to PEDD

- G4.2: Registration process which belongs to Process is protected

- G3.3: User account information is protected

- S3: Argument of the type which the User account information belongs to

- C5: List of IM software critical asset types in PEDD

- J3: Types of IM software assets are according to PEDD

- G4.3: User account information which belongs to Data Storage is protected

- G3.4: Authentication information is protected

- S3: Argument of the type which the Authentication information belongs to

- C5: List of IM software critical asset types in PEDD

- J3: Types of IM software assets are according to PEDD

- G4.4: Authentication information which belongs to Data Exchange is protected

- G3.5: Login process is protected

- S3: Argument of the type which the Login process belongs to

- C5: List of IM software critical asset types in PEDD

- J3: Types of IM software assets are according to PEDD

- G4.5: Login process which belongs to Process is protected

- G3.6: Chat logs are protected

- S3: Argument of the type which the Chat logs belong to

- C5: List of IM software critical asset types in PEDD

- J3: Types of IM software assets are according to PEDD

- G4.6: Chat logs which belong to Data Storage is protected

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This hierarchical structure follows the given predicates and conforms to the security case requirements for the Instant Messaging (IM) software.