Here is the security case for Instant Messaging (IM) software based on the given pattern and domain-specific information:

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G1: IM software is acceptably secure in Instant Messaging system

C1: Definition and description of IM software

C2: Definition and description of Instant Messaging system

C3: Definition of acceptably secure

S1: Argument that software assets are under protection

J1: Protection of software assets supports that software is acceptably secure

G2: All identified software critical assets are protected

S2: Respective arguments of 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 software critical asset belongs to

C5: List of software critical asset types in PEDD

J3: Types of software assets are according to PEDD

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

G3.2: User account information is protected

S3: Argument of the type which the software critical asset belongs to

C5: List of software critical asset types in PEDD

J3: Types of software assets are according to PEDD

G4.2: User account information which belongs to Data Storage is protected

G3.3: Authentication information is protected

S3: Argument of the type which the software critical asset belongs to

C5: List of software critical asset types in PEDD

J3: Types of software assets are according to PEDD

G4.3: Authentication information which belongs to Data Exchange is protected

G3.4: Chat logs are protected

S3: Argument of the type which the software critical asset belongs to

C5: List of software critical asset types in PEDD

J3: Types of software assets are according to PEDD

G4.4: Chat logs which belong to Data Storage is protected

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This security case instantiation involves:

1. Describing the Instant Messaging (IM) software and its system.

2. Arguing that the protection of all critical assets ensures the system is acceptably secure.

3. Providing individual protection goals for each critical asset.