Below is the hierarchical tree format for the security case of Instant Messaging (IM) software, based on the provided predicates. The placeholders are instantiated for IM software context:

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Goal (G1, IM software is acceptably secure in its system)

- Context (C1, Definition and description of IM software)

- Context (C2, Definition and description of the system in which the IM software operates)

- Context (C3, Definition of acceptably secure)

- Strategy (S1, Argument that IM software assets are under protection)

- Justification (J1, Protection of IM software assets supports that the IM software is acceptably secure)

- Goal (G2, All identified IM software critical assets are protected)

- Context (C4, List of IM software critical assets)

- Strategy (S2, Respective arguments for each IM software critical asset)

- Justification (J2, Relationship between assets is clear and can be argued separately)

- Goal (G3\_1, IM software critical asset 1 is protected)

- Strategy (S3, Argument of the type which the IM software critical asset belongs to)

- Context (C5, List of IM software critical asset types according to PEDD)

- Justification (J3, Types of IM software assets are according to PEDD)

- Goal (G4\_1, IM software critical asset 1 which belongs to type A is protected)

- Goal (G3\_2, IM software critical asset 2 is protected)

- Strategy (S3, Argument of the type which the IM software critical asset belongs to)

- Context (C5, List of IM software critical asset types according to PEDD)

- Justification (J3, Types of IM software assets are according to PEDD)

- Goal (G4\_2, IM software critical asset 2 which belongs to type B is protected)

- Goal (G3\_3, IM software critical asset 3 is protected)

- Strategy (S3, Argument of the type which the IM software critical asset belongs to)

- Context (C5, List of IM software critical asset types according to PEDD)

- Justification (J3, Types of IM software assets are according to PEDD)

- Goal (G4\_3, IM software critical asset 3 which belongs to type C is protected)

- Goal (G3\_4, IM software critical asset 4 is protected)

- Strategy (S3, Argument of the type which the IM software critical asset belongs to)

- Context (C5, List of IM software critical asset types according to PEDD)

- Justification (J3, Types of IM software assets are according to PEDD)

- Goal (G4\_4, IM software critical asset 4 which belongs to type D is protected)

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In this tree:

- Goals (G3\_1 to G3\_4) and (G4\_1 to G4\_4) represent multiple instances specified by the `HasMultiplicity` predicate.

- The `HasPlaceholder` elements have been replaced with instantiated values pertinent to the IM software context.