Given the security case pattern provided, let's instantiate this for Instant Messaging (IM) software by replacing the placeholders with specific information related to IM software. Following is the hierarchical tree structure of the instantiated security case:

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- Goal (G1, "IM software is acceptably secure in operation")

- Context (C1, "IM software facilitates instant messaging through various interfaces like app and web")

- Context (C2, "Operating environments including mobile and desktop platforms")

- Context (C3, "Acceptably secure means meeting industry security standards and regulations")

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

- Justification (J1, "Protection of IM software assets ensures the software is acceptably secure")

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

- Context (C4, "Critical IM software assets include Registration Information, User Account Information, Authentication Information, Login Process, Chat Logs")

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

- Justification (J2, "Each critical asset has defined protection measures that can be independently verified")

- Goal (G3, "Each IM software critical asset is protected")

- Strategy (S3, "Argumentation based on the type of critical asset")

- Context (C5, "Types of IM software assets include Process, Environment Entity, Data Exchange, Data Storage as classified by PEDD")

- Justification (J3, "Understanding the nature of the asset helps in defining appropriate protection mechanisms")

- Multiplicity: "There are 4 types of assets to protect as classified by PEDD"

- Goal (G4, "IM software critical assets such as Registration Information (Environment Entity), User Account Information (Data Storage), Authentication Information (Data Exchange), and Chat Logs (Data Exchange) are secured")

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This tree represents the goal of having the IM software operationally secure, with further subdivisions to ensure protection for each critical asset, classified and argued based on the nature of the assets (following PEDD). Each goal and strategy is supported by appropriate contextual information and justifications to substantiate the claims.