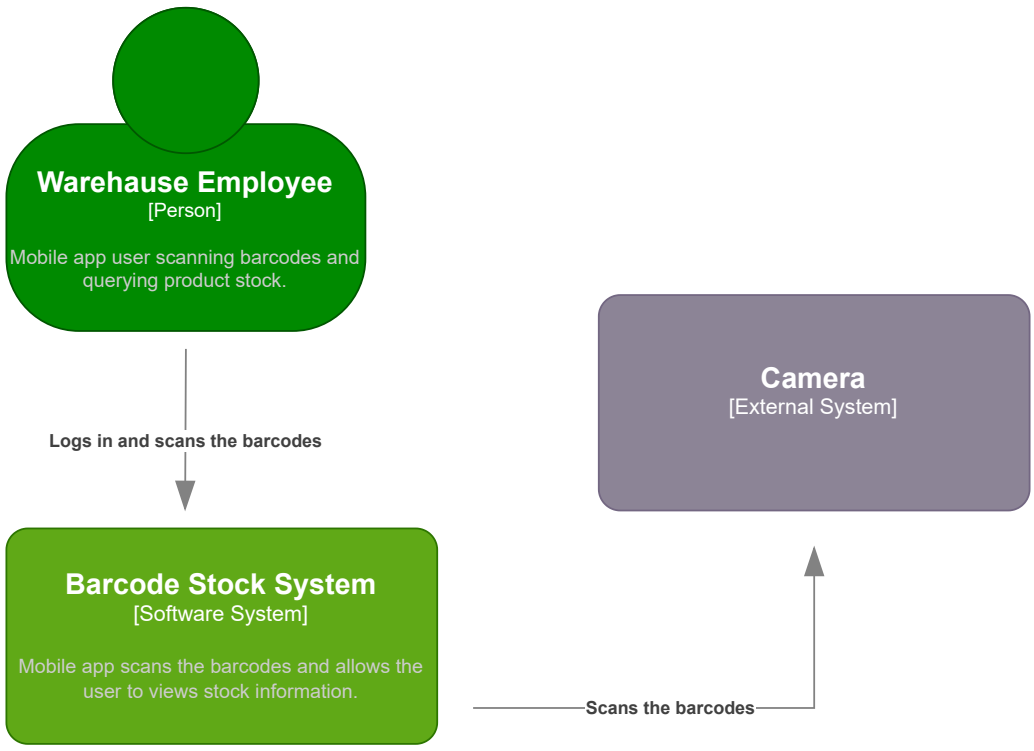
# Software  Architecture with the  C4 Model – Barcode Stock System

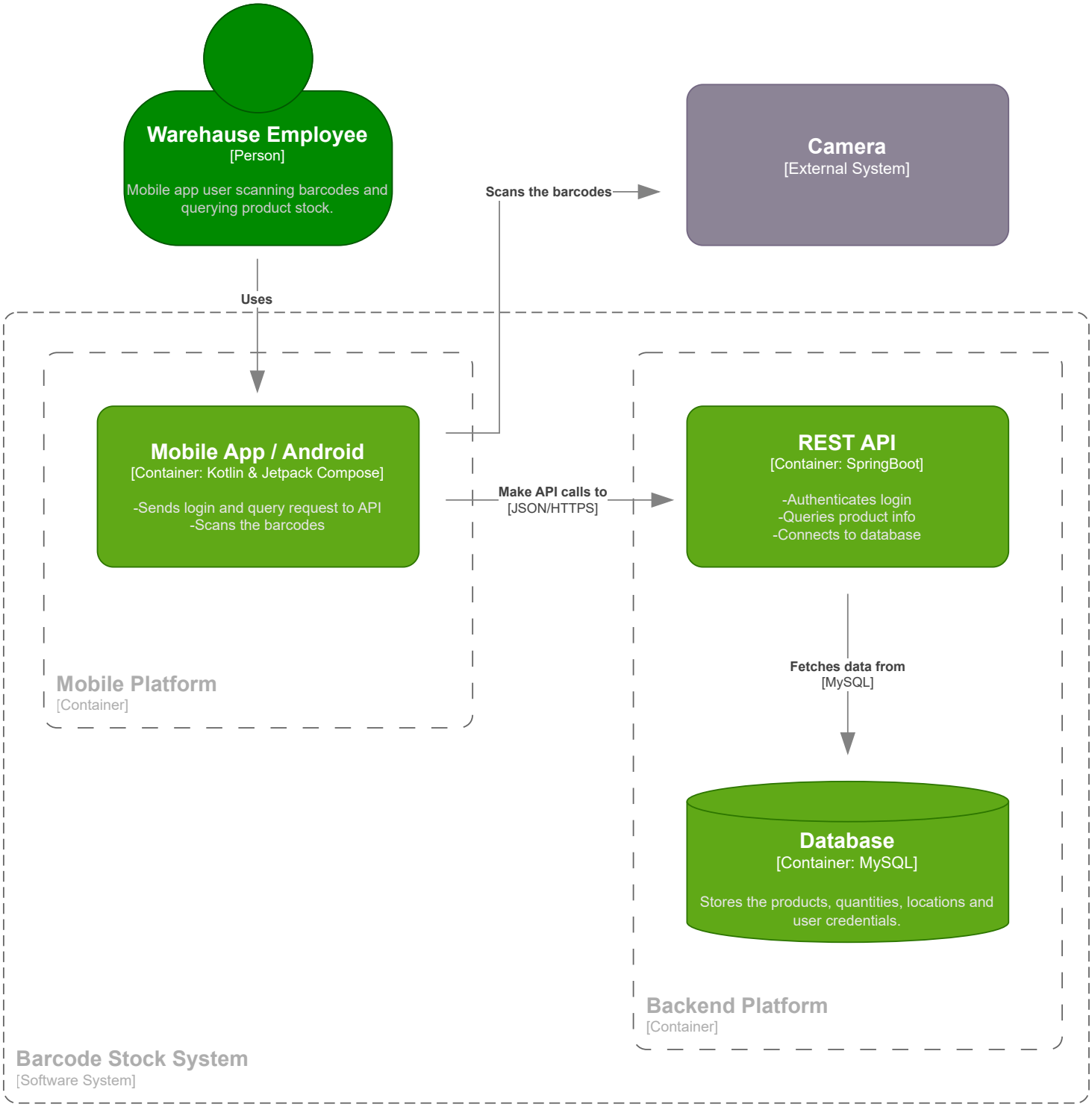
A set of C4 model-based diagrams explaining the architecture, flow, and component relations of the mobile barcode stock system.

**C4 MODEL**

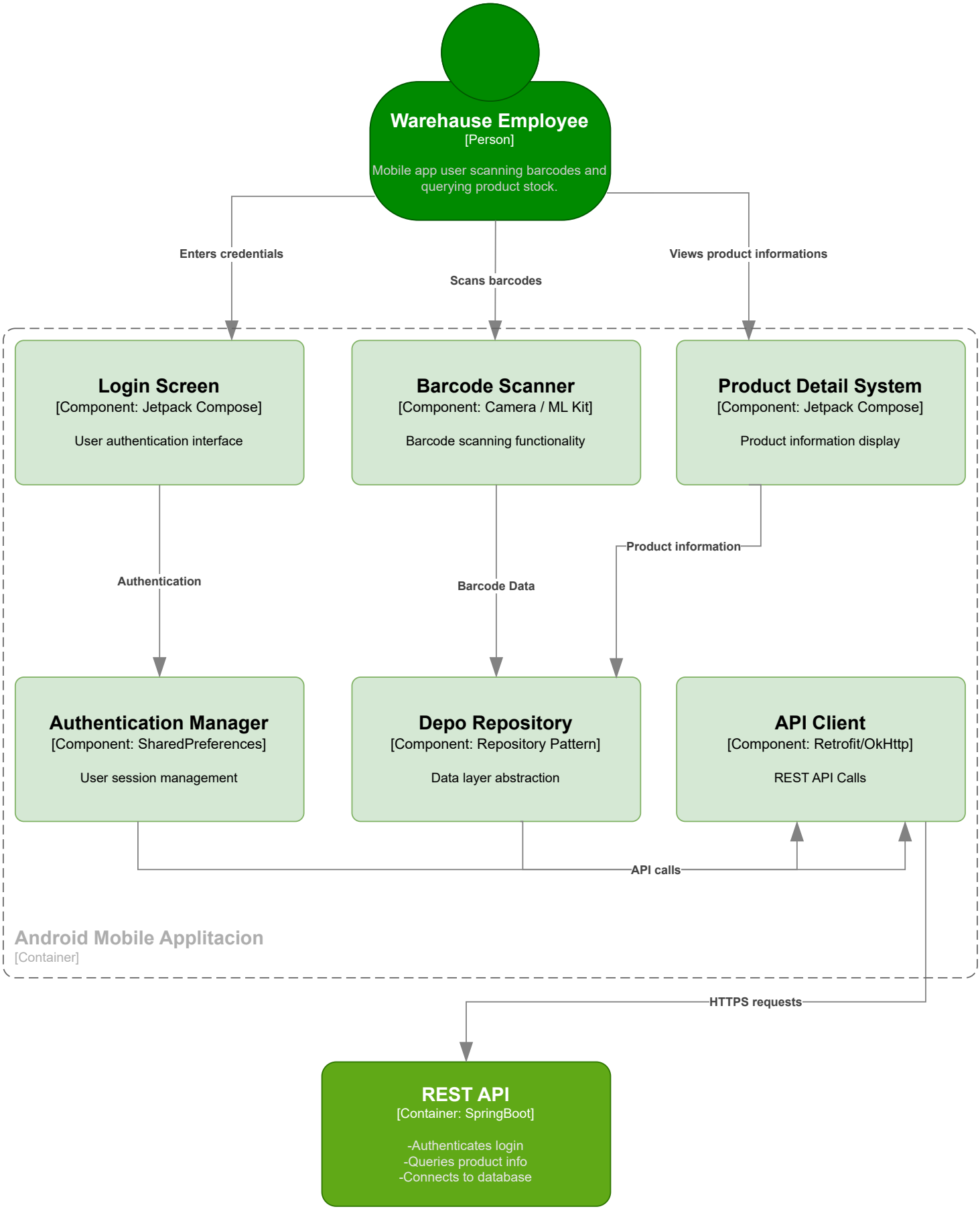
- System Context
- Container
- Companent
- Code



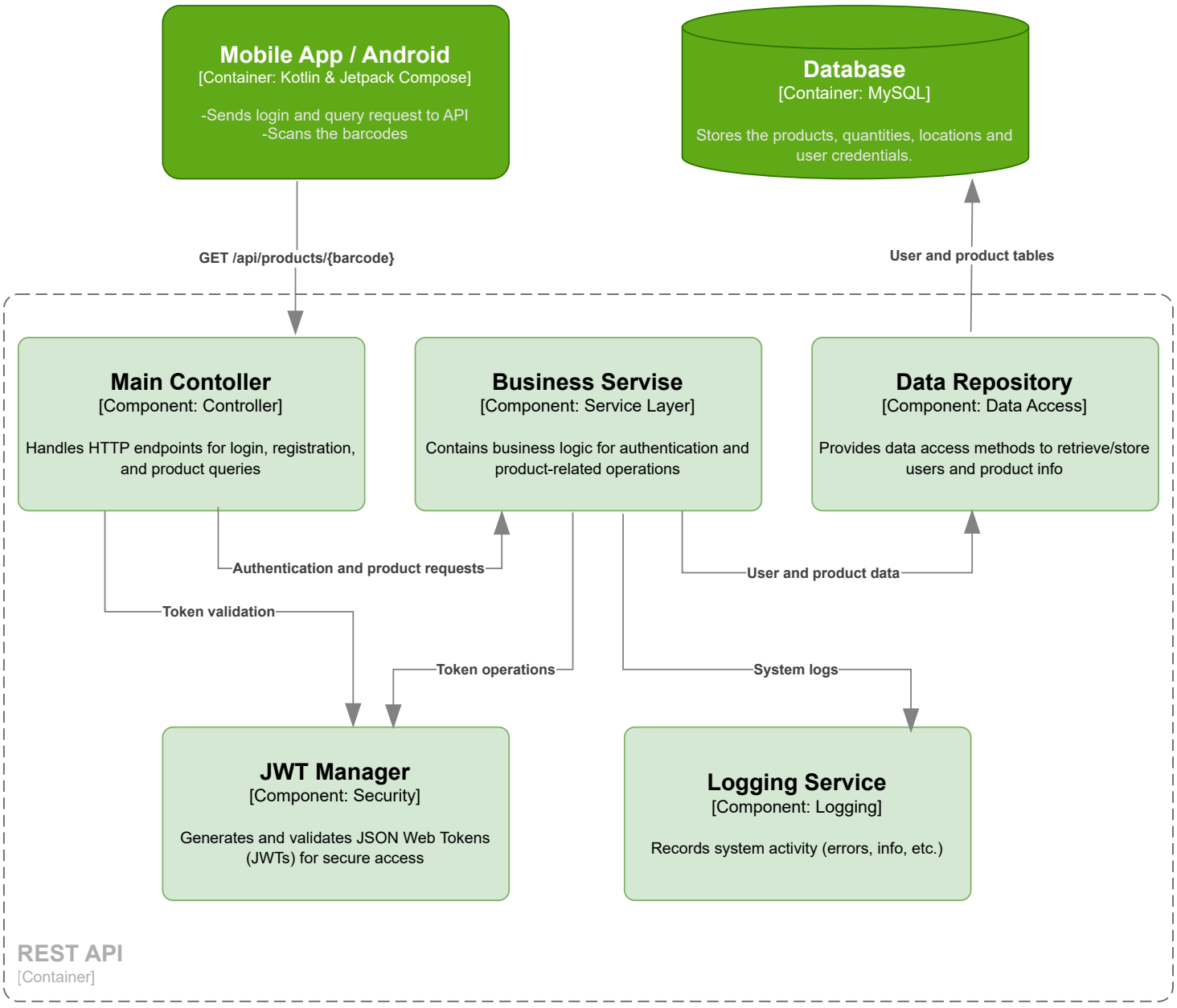

**[System Context] Barcode Stock System**
The system context diagram for Barcode Stock System - diagram created with diagrams.net




**[Containers] Barcode Stock System**
The container diagram for Barcode Stock System - diagram created with diagrams.net




**[Components] Android Mobile App**
The components diagram for Barcode Stock System/Andorid Mobile Application - diagram created with diagrams.net




**[Components] Backend API**
The components diagram for Barcode Stock System/REST API - diagram created with diagrams.net