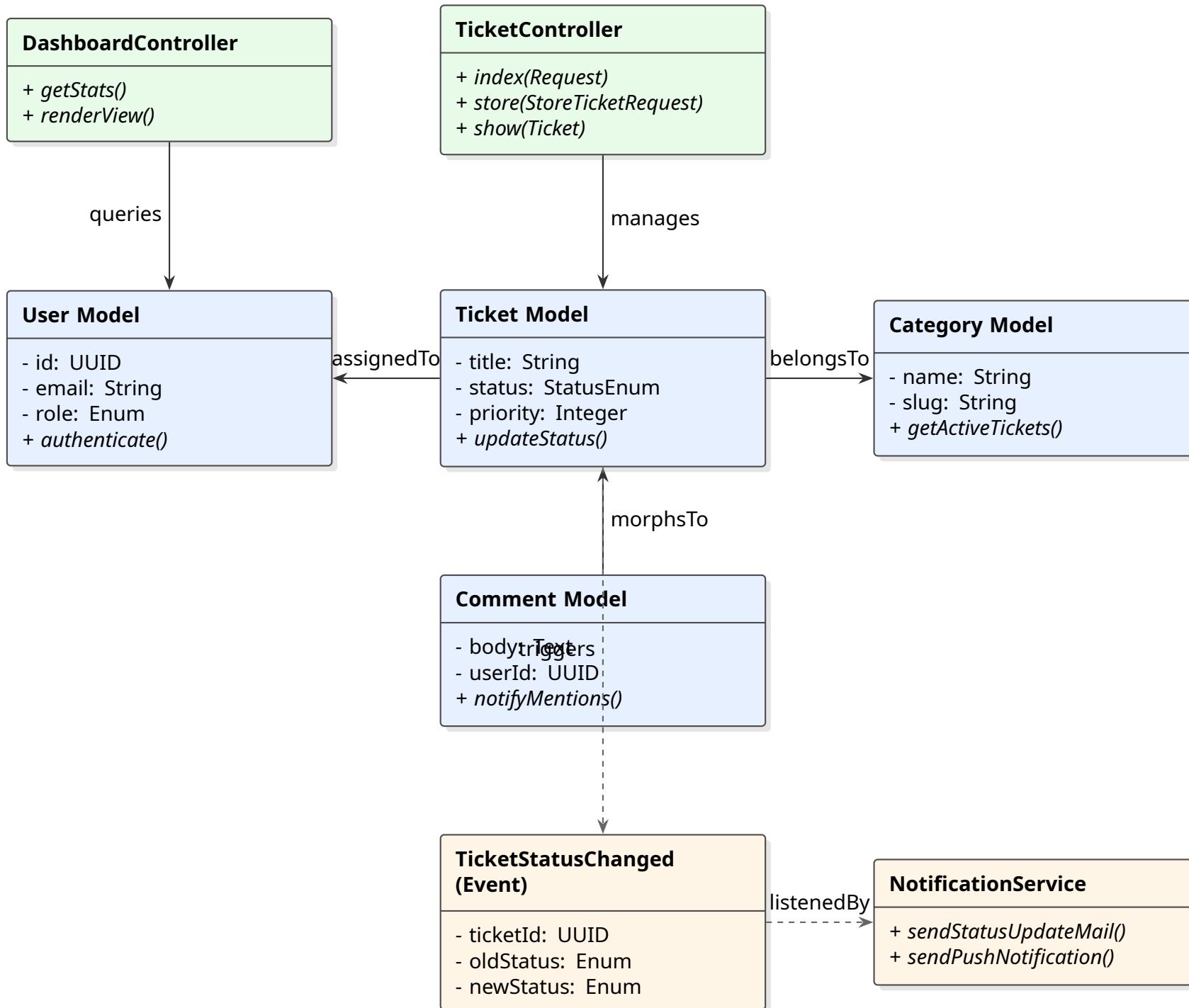


System Architecture: MVC Design Pattern Implementation

Class Relationship and Data Flow Diagram



Architectural Notes:

Legend:

- Models (Database Entities)
- Controllers (Business Logic)
- Communication (Events/Mail)

- Controllers act as the entry point for HTTP requests.
- Models represent the data layer and maintain integrity.
- Asynchronous events decouple notifications from logic.