**Roles and Their Dashboards**

1. **SuperAdmin**
   * **Dashboard:**
     + Overview of all workspaces, projects, sites, buildings, components, and incidents.
     + System settings and configurations.
     + User management.
   * **Privileges:**
     + Full CRUD (Create, Read, Update, Delete) permissions for all entities.
     + Access to system settings.
     + Manage user roles and permissions.
2. **Admin**
   * **Dashboard:**
     + Overview of all workspaces, projects, and sites.
     + Detailed view of buildings, components, and incidents within their workspace.
     + Reports and analytics.
   * **Privileges:**
     + CRUD permissions for workspaces, projects, and sites.
     + Read permissions for all buildings and components.
     + Manage incidents.
     + Generate and view reports.
3. **Manager**
   * **Dashboard:**
     + Overview of projects and sites within their workspace.
     + Detailed view of buildings and components within their projects.
     + Incident management within their projects.
   * **Privileges:**
     + CRUD permissions for projects and sites within their workspace.
     + Read permissions for buildings and components.
     + Manage incidents related to their projects.
4. **Ingenieur**
   * **Dashboard:**
     + Overview of sites and buildings within their projects.
     + Detailed view of components within their sites.
     + Incident reporting and status updates.
   * **Privileges:**
     + Read permissions for sites, buildings, and components.
     + Create and update incidents related to their sites.
     + View reports related to their sites and buildings.
5. **Technicien**
   * **Dashboard:**
     + Overview of assigned sites and components.
     + Incident management and resolution.
     + Maintenance schedules and tasks.
   * **Privileges:**
     + Read permissions for sites and components.
     + Create, update, and resolve incidents.
     + Manage maintenance tasks.

**Migration Analysis and Data Mapping**

1. **Users Table**
   * Manages user information and roles.
2. **Workspaces Table**
   * Contains workspace details linked to users.
3. **Projects Table**
   * Contains project details linked to workspaces.
4. **Sites Table**
   * Contains site details linked to workspaces.
5. **Buildings Table**
   * Contains building details linked to sites.
6. **Components Table**
   * Contains component details linked to buildings.
7. **Incidents Table**
   * Contains incident details linked to components.

**Implementation Plan**

1. **Create Middleware for Role-Based Access:**
   * Implement middleware to check user roles and permissions before accessing routes.
2. **Build Dashboards:**
   * Create separate dashboard views for each role with the relevant information and actions.
   * Use Eloquent relationships to fetch the necessary data based on user roles.
3. **Define Routes:**
   * Set up routes for each dashboard and ensure they are protected by the middleware.
4. **Controller Logic:**
   * Implement controller logic to handle CRUD operations based on user roles.
   * Ensure data access is restricted according to user permissions.
5. **Frontend Integration:**
   * Use JavaScript frameworks (e.g., React.js) to build dynamic and responsive dashboard components.
   * Integrate data fetching and state management to display the appropriate information based on user roles.