**User Story**

**Code review-2**

**Login Process**  
Title: User Login to Access the System

As a user,  
I want to log in using valid credentials,  
so that I can access the system and perform actions based on my role.

Acceptance Criteria:

Users must be able to log in using a username and password.  
The system verifies the credentials with an external authentication system.  
Admins and users have different access rights based on their roles.

**Manage Users (Admin Only)**Title: Admin Management of User Accounts

As an admin,  
I want to create, update, and delete user accounts,  
so that I can manage who has access to the system and assign appropriate roles.

Acceptance Criteria:

Admins can create, update, and delete user accounts.  
Admins can assign roles like Viewer or Editor to users.  
Admins can reset user passwords when required.

**Manage Task (Users and Admin)**  
Title: Task Management for Users and Admin

As a user,  
I want to be able to view, edit, and delete data,  
so that I can manage the relevant data entries for my use case.

As an admin,  
I want to have advanced rights to modify or delete any data entry,  
so that I can maintain and update the system as needed.

Acceptance Criteria:

Users can view, edit, or delete data related to:  
Name, Continents, Regions, Countries, Capital Cities, Districts, Codes  
Admins can modify or delete any data entry within the system.

**Database Update**Title: Database Updates

As a user or admin,  
I want to ensure that any changes to data are automatically reflected in the system,  
so that the data stays up to date.

Acceptance Criteria:

The database automatically updates with the latest changes (e.g., new data entries, modifications).  
Changes to language and population data are tracked.  
Any new data (e.g., new country or capital) is immediately reflected in the system.

**Data Scan**  
Title: Data Sync

As a user or admin,  
I want to track and monitor changes to the data,  
so that I can be alerted if critical data is missing or incorrect.

Acceptance Criteria:

The system tracks all changes made to the data.  
If critical fields like population data are not populated, a notification is triggered to prompt action.

**Backup Data**Title: Backup Data to Prevent Loss

As an admin,  
I want to periodically back up the data,  
so that I can ensure that no data is lost in case of system failure.

Acceptance Criteria:

The system automatically performs periodic backups of the data.  
Admins can manually initiate a backup at any time to ensure data safety.

**Generate Reports (Admin Only)**  
Title: Generate System Reports

As an admin,  
I want to generate reports based on user data and system changes,  
so that I can analyze system performance, user activity, and data updates.

Acceptance Criteria:

Admins can generate reports that include metrics like:  
Countries added, removed, or modified  
Population changes  
System performance (e.g., processing time, uptime)  
User activity logs  
Reports should be easily exportable and accessible from the dashboard.

**External System**  
Title: Integration with External System

As a user or admin,  
I want to integrate the system with an external platform,  
so that data is seamlessly synced between the two systems for consistency.

Acceptance Criteria:

The system should sync data automatically with the external platform whenever changes are made.  
New data (e.g., countries, capitals) or modifications must be reflected in both the platform and the external system.