Using Jira

**Epics:**

1. User Management:
2. Data Integration:
3. Portal Features:
4. Visualization:
5. App Development:

**User Stories linked to Epics:**

**User Management:**

1. As a new user, I want to register for a free account on the weather portal.
2. As a registered user, I want to log in to my account securely.
3. As an admin, I want to manage user roles and permissions.

**Data Integration:**

1. As a user, I want the portal to integrate with reliable public weather services.
2. As a user, I want the system to detect my location using GPS or IP.
3. As a system admin, I want to design a database schema for storing weather data.
4. As a user, I want the system to reconcile and aggregate data from multiple weather service providers.

**Portal Features:**

1. As a paid user, I want access control for premium weather services.
2. As a user, I want to receive severe weather advisories on the portal.
3. As a user, I want to see advertisements on the portal.
4. As a user, I want to view the current weather at my location.
5. As a user, I want to see weather forecasts for 5, 10, and 15 days.
6. As a user, I want seasonal forecasts for precipitation and temperatures.

**Visualization:**

1. As a user, I want to view satellite images of current weather conditions.
2. As a user, I want to watch time-lapse videos of satellite forecasts.
3. As a user, I want a responsive design for easy use on different devices.

**App Development:**

1. As a developer, I want to publish APIs or services for client app integration.
2. As an iOS user, I want to download and use the weather app on my Apple device.
3. As an Android user, I want to download and use the weather app on my Android device.

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