Notify Real-time Alert (General & Emergency)

Conversation:

As a disaster response authority, I want to send real-time alerts (both general and emergency) to citizens and officials so that everyone can be informed and take action during critical situations. *(Added background information to emphasize the importance of the feature)*

Confirmation:

1. **Send General Alert**
   1.1 The system allows authorized users (such as local disaster management teams or government officials) to send general alerts, such as weather updates or precautionary instructions, to specific regions. *(Specified user roles for clarity)*
2.
   1.2 Users can customize the message and choose the target audience (citizens, first responders, or both).
   1.3 Failure Case: If the alert can't be sent due to errors, the system will show a message and offer a retry option.
3. **Send Emergency Alert**
   2.1 The system allows users to send high-priority emergency alerts, such as evacuation notices or warnings of immediate danger (e.g., floods or cyclones).
   2.2 The system will prioritize these alerts and send them immediately through multiple channels (e.g., SMS, email, push notifications). *(Added detail about multiple channels for better clarity)*
   2.3 Failure Case: If the alert cannot be sent, the system will notify the user and allow them to retry or contact support.
4. **Target Specific Areas**
   3.1 Users can select affected regions using maps or input specific locations where the alert is needed.
   3.2 Failure Case: If the location data is incomplete or inaccurate, the system will prompt users to correct the information before proceeding.
5. **Receive Confirmation**
   4.1 The system confirms once the alert is successfully delivered to

the target audience.

4.2 Failure Case: If the confirmation cannot be sent or received, the system will notify the user and allow them to resend or contact support.

6. **Track Alert Status**

    5.1 Users can view the delivery status of the alert (e.g., "Sent," "Delivered," or "Failed") for tracking purposes.

    5.2 Failure Case: If tracking data is unavailable, the system will notify the user and offer options to retry or check later.

(Added real-life examples and integration details in background information for clarity and context)