User Story 3:

“As a user, I want to receive notifications or alerts about significant weather changes or disruptions for my selected destination, so that I can adjust my travel plans if necessary.”

**Description:**

After the user creates or accesses a travel itinerary, the application should continuously monitor the weather conditions for the selected destination and travel dates. If there are significant weather changes or disruptions, such as severe storms or flight cancellations, the user should receive notifications or alerts through the application. The notifications should provide relevant information about the weather event and suggest alternative actions or accommodations if needed. The user should be able to configure their notification preferences, such as receiving alerts via email or push notifications.

**Happy path:**

The app successfully alerts the user and suggests alternative plans based on the forecast. For example, if the forecast suddenly alerts a rainy day, users can change his or her trip plans from outdoor to indoor activities based on the apps’ suggestions.

**Exception:**

# 1 The sudden change in forecast is a rare occurrence and alternative suggestions are not adequate. For example, situations occurring during typhoons, tornados, etc may alert users to stay in shelter. Instead of suggesting plans, the app should suggest safety measures and precautions on what users should do to stay safe.

# 2 The user misses the notification about the significant weather change. The app should send a default second notification 30 minutes later to alert the user again. Once the user is notified, he or she is prompted to change his alert settings, such as ringtones, vibrations, or email.