User Story 4:

“As a user, I want to explore and discover new travel destinations based on weather preferences, so that I can plan future trips.”

**Description:**

The application should provide a feature for users to explore and discover new travel destinations based on their weather preferences. The user should be able to specify their preferred weather conditions, such as temperature range, rainfall, or sunshine hours. The application should use the OpenWeatherMap API to fetch destinations that match the user's criteria. The results should be presented in an organized and visually appealing manner, including relevant details about each destination, such as average temperatures, climate characteristics, and popular attractions. The user should be able to save interesting destinations for future reference or add them directly to a new travel itinerary.

**Happy path:**

 User specifies their weather preferences, such as temperature range, rainfall, or sunshine hours. The app can send a request to the OpenWeatherMap API to fetch destinations matching the user’s criteria and receive weather data from the API and filters the destinations accordingly.

**Exception:**

# 1 If the user enters invalid or conflicting weather preferences, such as specifying a temperature range that is not within the possible values, the app should display an error message and prompt the user to correct their preferences.

# 2 If the weather API is down or experiencing issues, the app should display an error message informing the user about the temporary unavailability and suggest trying again later.