**Del Manzueta Meet App TDD**

**Key Features:**

* Filter events by city.
* Show/hide event details.
* Specify number of events.
* Use the app when offline.
* Add an app shortcut to the home screen.
* View a chart showing the number of upcoming events by city.

FEATURE 1: FILTER EVENTS BY CITY

User Story:

As a **User**  
I should be able to **“filter events by city”**  
So that **I can see the list of events that take place in that city**

Scenario 1: When user has not searched for a city, show upcoming events from all cities.

**Given:** User has not searched for any city  
**When:** User opens the app  
**Then**: User should see a list of all upcoming events.

Scenario 2: User should see a list of suggestions when they search for a city.

**Given:** The main page is open  
**When:** User starts typing in the city textbox  
**Then:** User should see a list of cities (suggestions) that match what they have typed

Scenario 3: User can select a city from the suggested list.

**Given:** User was typing “Berlin” in the city textbox and the list of suggested cities is showing  
**When:** User selects a city (e.g., “Berlin, Germany”) from the list  
**Then:** User city should be changed to that city (i.e., “Berlin, Germany”) and the user should receive a list of upcoming events in that city.

FEATURE 2: SHOW/HIDE AN EVENTS DETAILS

User Story:

As a **User**  
I should be able to **“show and hide the details of the events”**  
So that **I have an option to expand or collapse the detail information of an event**

Scenario 1: An event element is collapsed by default.

**Given:** Main page loads events  
**When:** User selects their city  
**Then**: User will receive a list of events related to that city

Scenario 2: User can expand an event to see its’ details.

**Given:** User has list of events to choose from  
**When:** User selects desired event from list  
**Then:** User should see detailed information about the event

Scenario 3: User can collapse an event to hide its’ details.

**Given:** Event details are hidden  
**When:** User clicks on collapse key/button  
**Then:** Event elements will be collapsed, returning user to collapsed event list

FEATURE 3: SPECIFY NUMBER OF EVENTS

User Story:

As a **User**  
I should be able to **“specify number of events I want to view”**  
So that **I can choose the number of events I want to on screen at one time**

Scenario 1: When user hasn’t specified a number, 32 is the default number.

**Given:** The default max number of returned events will be 32  
**When:** User opens event page  
**Then**: User will receive a max-default of 32 events

Scenario 2: User can change the number of events they want to see.

**Given:** User has option to update number of events to see  
**When:** User inputs the number of events they want to view  
**Then:** User receives the number of events they chose

FEATURE 4: USE THE APP WHEN OFFLINE

User Story:

As a **User**  
I should be able to **“use the app while offline”**  
So that **I access events and details without internet connection/cellular coverage**

Scenario 1: Show cached data when there is no internet connection.

**Given:** Show saved/cached data without internet/service  
**When:** User opens app  
**Then**: User will have access to stored data and information

Scenario 2: Show error when user changes the settings (i.e., City, Time, Details, etc.)

**Given:** User encounters error if offline  
**When:** User attempts to update/change stored information  
**Then:** User receives error message if stored settings are altered

FEATURE 5: DATA VISUALIZATION

User Story:

As a **User**  
I should be able to **“visualize the events data of cities”**  
So that **I choose between cities and events based on my preferences**

Scenario 1: Show a chart with the number of upcoming events in each city.

**Given:** Show visualized data of event types and cities  
**When:** User clears all search settings and preferences  
**Then**: User will ability to see all events in each city