

This document is aimed at disassembling entire projects into epics and user stories. Each user story has an accompanied acceptance criteria, which is going to be used to assess whether the completed code actually fulfills what has been promised.

Epic1: Language Selection and Multilingual Support

- 1) As a traveler who first opened the app, I want to set up the application in my native language (given that it is supported) as soon as I start using the app, because I may not speak English (or the default language of the app).
 - a. Given that I have clicked the link to open the app in the browser, when the user interface finishes loading, then I should immediately understand where to click to proceed with language selection.
 - b. Given that the language selection is initiated with a button press, when the button is pressed, then the list of all the supported languages is displayed with names of the languages written in respected languages.
- 2) As a user that has already selected the language, I want to have an ability to change the language so that I could pass the phone to someone who speaks a different language
 - a. Given I am at the main screen, when I look into the dashboard, then I should be able to spot the icon that would represent language selection irrespective the user's native language
 - b. Given that I opened the language selection section, when I select a different language, all of the interface must change into the selected language
- 3) As a user who wants to use the map for point of interest selection, I want to see the UI in my native language, so that I could navigate myself in the desired area
 - a. Given that the search of a specific category resulted in a list of points of interests, when they are overlayed on the map, then their names should be translated into the desired language
 - b. Given that the POI may contain additional information (such as opening times), when I press on a POI icon, then the text of additional information should be translated
 - i. Given that the POI information is displayed as a list on a side bar, when the information loads, then all of the text should be translated
- 4) As a user who knows a little bit of local language, I want to have the ability to switch between the local language and the native language, so that I could have an opportunity to immerse myself into the local culture but still have the ability to resort back to the native language if I don't understand something
 - a. Given the text is displayed in the native language, when I select a piece of text, I should see an option view this text in the local language OR any other supported language

Epic2: Location-Based Service Recommendations

This epic enables tourists to receive personalized and context-aware service recommendations based on their current GPS location, with filtering and real-time navigation capabilities.

User Story 1: GPS-Based Location Detection

As a tourist,
I want the app to find my current location,
so that I can see recommendations for things near me.

Acceptance Criteria:

Given my device's location is turned on and the app has permission,
When the app starts or I tap "Find My Location",
Then my exact location is shown accurately on the map with a marker.

User Story 2: Display Nearby Services & Places of Interest Categorized by Type

As a tourist,
I want to see nearby essential services (like ATMs, restrooms, pharmacies) and interesting places (like museums, landmarks) grouped by what they are,
so that I can quickly find what I need or want to explore.

Acceptance Criteria:

1) Given my location has been found,
When the app shows or updates nearby information,
Then services and places of interest close by are shown on the map or in a list, sorted by type (like icons for "Food," "Health," "Attractions," etc.).
And at least 3 places of interest are displayed if available.
And for each recommended place of interest, its opening and closing times (local time), standard ticket fee (in local currency), and distance from my current location are shown.

2) Given that the location search has resulted in a list of POI,
When the list loads,
It should be translated into the selected language.

User Story 3: Real-Time Directions to Selected Locations

As a tourist,
I want to get live walking or driving directions to any place I choose,
so that I can easily reach it without getting lost.

Acceptance Criteria:

1) Given I have picked a place from the nearby services or places of interest list,
When I tap "Get Directions,"
Then a route is drawn on the map, and it updates as I move, based on if I'm walking or driving.

2) Given that I decided to go to the selected place,
When my location changes,

Then my position marker on the map should be updated to reflect my current location.

3) Given that the navigator provides instructions on each step of the way (e.g. turn left in 100 meters),
When the navigations steps are about to be displayed,
Then they are translated into the selected language.

User Story 4: Estimated Arrival Times and Distance Information

As a tourist,

I want to know how far away a selected service or place of interest is and how long it will take to get there,
so that I can plan my trip and pick the best option.

Acceptance Criteria:

Given I have selected a place and the app knows where I am,

When directions are shown,

Then the screen displays the estimated travel time and distance in kilometers/miles and minutes.

User Story 5: Filtering Nearby Services & Places of Interest

As a tourist,

I want to easily filter nearby services and places of interest,
so that I can quickly find exactly what I'm looking for or interested in.

Acceptance Criteria:

Given a list of nearby services and places of interest is shown,

When I choose to filter by type, distance, how good others say it is (ratings), or if it's currently open,

Then the map and list only show the services and places of interest that match what I've picked.

User Story 6: View More Details for Places of Interest

As a tourist,

I want to see more pictures and information about a recommended place of interest,
so that I can decide if I want to visit it.

Acceptance Criteria:

1) Given a recommended place of interest is displayed,

When I select that place,

Then the app opens a detailed page showing more pictures and information about the place.

2) Given the app contains information about a place,

When the information loads into the screen,

Then it is translated into the selected language.

User Story 7: Public transport detailed information

As a tourist who came from a city that doesn't have buses/trams/underground etc.,

I want to have descriptions of how to use a specific mode of transport,

So that I could avoid immediately getting lost

Acceptance Criteria:

- 1) Given the city has any public transport network,
When I select “More information” button,
Then I should see the map of the network, where to buy the tickets, if I can apply for a discount and other potentially helpful tips and tricks.
- 2) Given that the desired city’s public transport network has a map,
When I open the map,
Then the names of the stations should have translations or transliterations alongside the original text.

Epic3: Culture Tips & etiquettes

User Story 1: View Dos and Don’ts

As a tourist visiting a different culture,
I want to see a list of cultural dos and don’ts,
So that I can avoid offending people unintentionally.

Acceptance Criteria:

Given I visit the Culture Tips section,
When I select a country or region,
Then I see lists like for example:

- Do: Greet elders with both hands
- Don't: Point with your foot

User Story 2: Dress Code Guidelines

As a tourist to a new place,
I want to know about local dress code in specific situations or places,
So that I feel safe and respected in public spaces.

Acceptance Criteria:

- 1) Given I enter a culturally building or region building,
When I check clothing tips,
Then I see guidance showing acceptable dress code.
- 2) Given that a country has a specific type of clothing or style of clothing a particular group of people must wear in public,
When I look at the culture tips page,
Then this information must be visible/noticeable immediately
- 3) Given the climate of a particular country forces you to use a specific type of clothing (e.g. multiple layers of heat-retaining clothing northern countries during the winter),
When I look at the culture tips page,
Then this information should be highlighted as good to keep in mind

User Story 3: Local Etiquette During Festivals

As a curious visitor,
I want to understand how to behave during local holidays or festivals,
So that I can enjoy them respectfully.

Acceptance Criteria:

Given a major cultural event is occurring this week,
When I open the app,
Then I see a brief cultural explanation and guidelines for the dos and don'ts.

User Story 4: Dining and Tipping Customs

As a tourist eating out,
I want to understand local dining etiquette,
So that I act appropriately at restaurants.

Acceptance Criteria:

Given I open the culture tips page
When I scroll down
Then I see info about typical tipping ranges, when to pay, and expected politeness phrases.

User Story 5: Gesture Meanings

As a tourist from a different culture,
I want to understand the meaning of common gestures, like hand signs,
So that I avoid making culturally offensive signals.

Acceptance Criteria:

Given I open the culture tips,
When I browse gestures,
Then I see animations or images of gestures and their meanings in the local context.

User Story 6: Common phrases

As a tourist, I want to access a list of common travel phrases in the local language, so I can communicate basic needs like greetings, directions, and emergencies.

Acceptance Criteria:

Given I open the common phrases section,
When the phrases load,
Then they are grouped by category (e.g., greetings, directions, food, emergencies).

Epic4: Emergency and Essential information

User Story 1: View Local Emergency Contact Numbers

As a tourist to a new place,
I want to quickly find emergency numbers like police, ambulance, fire, so that I know who to call in case of danger.

Acceptance Criteria:

Given I am in the app,
When I tap the “Emergency Info” button (accessible from the dashboard),
Then I can see local emergency numbers with labels and icons.

User Story 2: Multilingual Emergency Phrases

As a traveler who doesn’t speak the local language,
I want to find emergency phrases translated into the local language,
So that I can show them or say them in urgent situations.

Acceptance Criteria:

- 1) Given I opened the emergency Info section,
When I tap “Essential Phrases”,
Then I see phrases like “I need help”, “Call an ambulance”, and “I lost my passport” with local translations and phonetics.
- 2) Given I opened the emergency Info section,
When I tap “Essential Phrases”,
Then I want to be able to ask for a translator from the local language into my native language

User Story 3: Nearest Embassy or Consulate

As a foreign national,
I want to know where my country’s embassy or consulate is located,
So that I can get help in case of legal or identification issues.

Acceptance Criteria:

Given app has detected my nationality,
When I open “Embassy Help”,
Then I see the location, contact number, and operating hours of my closest embassy/consulate.

Epic5: Local Transportation Options and Guidance

As a traveler, I want comprehensive transport information and tools so that I can navigate the city efficiently and confidently.

User Story 1: Overview of Available Transport Modes

As a traveler arriving in a new city, I want to see all transportation modes available (bus, metro, train, taxi, rideshare, bike-share) so that I can choose how to get around.

Acceptance Criteria:

Given I select the “Transportation” tab for a destination, when the section loads, then I see icons and one-sentence summaries for each mode (e.g., “Metro: 05:30–23:30, 4-minute headways”).

Given the city supports bike or scooter rentals, when I view the list, then those options appear alongside the public transport modes.

User Story 2: View Detailed Transport Information

As a traveler, I want to view schedules, fare estimates, ticket-purchase instructions for a selected mode so that I can use the service confidently.

Acceptance Criteria:

Given I tap on a transport mode icon, when the detail page opens, then I see:

- Operating hours (e.g., “06:00–22:00”)
- Base fare and pass options (in local currency)
- A step-by-step ticket-purchase guide

Given the detail page is loaded once, when I revisit it later (online or offline), then the data is cached for faster access.

User Story 3: Filter and Sort Transport Options

As a traveler with specific needs, I want to filter modes by cost, speed, and accessibility so that I quickly find the best option.

Acceptance Criteria:

Given the transport overview is visible, when I apply filters (e.g., “Low cost only,” “Wheelchair accessible”), then only matching modes remain displayed.

Given multiple filters are active, when I clear all filters, then the full list of modes reappears.