WEATHER-SIMPLE APPLICATION

Customer

User Login / Sign-In System

User Interacting with Interface

Functioning Web Application

<<requirement>>
Responsive Website - Screen Size

Text = "Given any screen size the WeatherSimple website must scale to the screen size."
ID = "USR-1"
source = "Interview"
kind = "Functional "
verifyMethod = "Test"
risk = "High"
status = "In progress "

<<requirement>>
Future Expansion - Weather Alerts

Text = "Given WeatherSimple team launches the site, an email alert feature shall be added."
ID = "DEV-3"
source = "Developer Meeting "
kind = "Interface "
verifyMethod = "Publish Feature "
risk = "Low"
status = "Pending Approval "

<<requirement>>
Cost Effective API

Text = "Given a choice of API that satisfies all technical needs, the API must be within a set cost of use"
ID = "MGT-1"
source = "Interview"
kind = "Functional "
verifyMethod = "Test"
risk = "High"
status = "In progress "

<<requirement>>
Ad Space - Popup

Text = "Given a user enters the size ad space must be available and displayed on the site for users to interact with."
ID = "MRT-2"
source = "Interview"
kind = "Interface"
verifyMethod = "Test"
risk = "Low"
status = "In Progress"

<<requirement>>
Dark Mode

Text = "Given that the WeatherSimple site is published, the site shall have a feature to transfer the aspect to a dark mode interface."
ID = "MRT-1"
source = "Interview"
kind = "Interface"
verifyMethod = "Test"
risk = "Low"
status = "Pending Approval"

<<derive>>
User Login

<<derive>>

<<verify>>

<<verify>>

<<verify>>

<<verify>>

<<verify>>

<<testCase>>
Website Run Through

<<testCase>>
Code Review For Modular Design

<<testCase>>
Allows Minimum of 1 Million Calls For Free

● 3. Functioning Web Application
ID: UC-3

All aspects of WeatherSimple are fully functional to customer specifications

Justification	Web application needs to be fully functional for customer usage
Primary Actors	⚉ Customer
Level	High
Complexity	Easy
Use Case Status	Base
Implementation Status	Full
Preconditions	User has JavaScript enabled browser User has valid postal code user has stable internet connection
Post-conditions	N/A
Author	N/A
Assumptions	N/A

3.1. Scenarios

3.1.1. Scenario

1. Sign in prompt is displayed

    1.1. user enters email and password

    1.2. user is logged in

3.1.2. Scenario2

1. Registration prompt displays

    1.1. user enters email and password

    1.2. user is registered

3.1.3. Scenario3

1. Location entry prompt is displayed

    1.1. User enters postal/zip code

2. Region data is retrieved from database

3. Weather conditions are displayed to WeatherSimple