Project Requirement

Target release	20-March-2024
Epic	5 Epics and 21 Issues
Document status	Approved
Document owner	Manoj Chitgopkar
Designer	Developer
Tech lead	Chatterji
Technical writers	Andreas
QA	

🎯 Objective

With climate change increasing the unpredictability of local weather conditions, there has been great demand for technology that can provide reliable weather information. Weather conditions impact several organizations and businesses – ranging from agriculture, outdoor event management, hospitality, travel and tourism, and healthcare.

📊 Success metrics

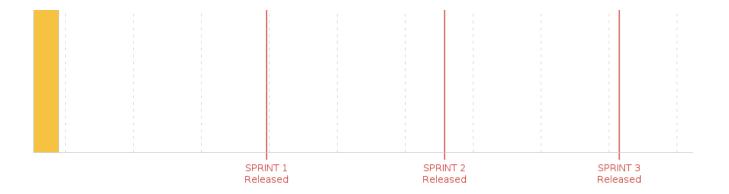| Goal	Metric
Simplify user interface and navigation.	Customer satisfaction increases
Include all mandatory features of SmartWeather app	Meeting basic requirements of end user. No dissatisfaction\complains from end user w.r.t basic function expectation of application.
Implement Business functions, Like paid registration, Advertising, paid features etc.	which would generate revenue out of those features. Willingness to become as paid member by seeing at the service offering given by the application.
Implement delightful features in Sprint 3	overjoy full feedback from customer\end user.

🤔 Assumptions

Following assumptions are made for this project.

- Majority of end users are mobile gadget users, they use mobile for calling, for seeking additional information about almost any topic and for social activities.
- Most of the Mobile OEM are using iOS and Android as its OS.

🌟 Milestones

📝 Requirements

Requirement	User Story	Importance	Jira Issue	Notes
	As a developer, I want to design a database schema and set up a weather data storage system, so that we can store and retrieve weather data efficiently based on the location.	HIGH		
	As a developer, build logic to reconcile and aggregate data from multiple service providers and display the result to user based on his preference.	MEDIUM		
	As a user, I want to view current weather conditions at specific locations, so that I can plan my activities accordingly.	MEDIUM		
	As a user, I want to view forecasts for five, ten, and fifteen days at a location, so that I can plan my long-term activities and travel plans.	MEDIUM		
	As a user, I want to receive severe weather advisories and alerts, so that I can stay informed and take necessary precautions.	MEDIUM		
	As a user, I want portal to have a responsive design, so that I can access it from	HIGH		

	different devices and form factors.			
	As a User, I want the portal to load quickly and provide a smooth user experience, so that I can access weather information without delays.	**HIGH**		
	As a user, I want the portal to have a visually appealing interface with intuitive navigation, so that I can easily find the information I need.	**HIGH**		
	As a developer, I want to design portals which should have a have provisions for advertisements on the portal and apps.	**MEDIUM**		
	As a user, I want to have the facility to show satellite images and time-lapsed videos based on location and preferences.	**LOW**		
	As a mobile user, I want to download and install the iOS app, so that I can access weather information on my iPhone.	**LOW**		
	As a mobile user, I want to download and install the android app, so that I can access weather information on my android phone.	**LOW**		
	As a user, I want the mobile apps to provide push notifications for severe weather alerts, so that I can receive timely updates.	**LOW**		
	As a developer, I want to detect locations based on GPS (if on a device) or IP.	**MEDIUM**		
	As a developer, I want to provide seasonal forecasts like seasonal precipitation and temperatures.	**MEDIUM**		

	As a developer, I want to provide time-lapse videos of satellite forecasts for registered user based on their preferences.	LOW		
	As a developer, I want to publish API or Services for client apps.	MEDIUM		
	As a new user, I want to create an account on the portal using my email and password, so that I can access personalized weather information.	HIGH		
	Create a page for users to become paid members and complete the payment option	HIGH		
	As a registered user, I want to log in to the portal using my credentials so that I can access my saved preferences and settings.	HIGH		

🎨 User interaction and design

❓ Open Questions

Question	Answer	Date Answered

⚠️ Out of Scope

-