



## Project 1: Smart Weather (With Jira)

## Objectives

To apply the concepts learned in the Agile Scrum Master course by analyzing a hypothetical organization.





## Industry Relevance



- To facilitate all the communication and collaboration between leadership and team players to ensure a successful outcome.

## Description



GTM systems is a large IT company with offices all around the world. The company delivers software products and services to corporate clients. One of the reasons for its enduring success and consistent performance over the years is the ability to leverage technology and find innovative applications for it.



## Problem Statement and Motivation



While GTM has no expertise in meteorology, it proposes to aggregate weather data from multiple providers and uses analytics to correlate it with meaningful conclusions for businesses.

Example use cases could be generating forecasts based on local weather conditions around:

- Consumption of hot versus cold beverages depending on cold, sunny, or rainy weather
- Number of visitors to a tourist site or an open-air entertainment event
- Likelihood of seasonal illnesses such as flu in particular locations

The main system will comprise a web portal and a set of “apps” available on the popular mobile operating systems. Apart from this, clients can ask for specific services or apps based on the insights that the analytics can generate.



## Task



1. Identify at least five epics and 15 user stories from the case above (use your interpretation and independent research). Link the stories to the epics.
2. Get a free JIRA account and create a Scrum project.
3. Enter the backlog (epics, stories, and subtasks) in JIRA.
4. Make a tentative release plan, by assigning the stories to three sprints.
5. Start and complete one sprint.
6. Submit screenshots of epics, backlog, release plan, and scrum board with tasks in various states.

## Project Reference



This page will map the tasks with lessons from which the learner can obtain hints or ideas.

- Task 1 – Lesson 4
- Task 2 – Lesson 2
- Task 3 – Lesson 6
- Task 4 – Lesson 4
- Task 5 – Lesson 3



Thank You