

Project : Smart Weather (Without Jira)

I. Three personas for the users of the portal

1. Name: Neha

Role: Working Mother

Age: 35

Income: more than 85k

Goals: Keep her family Healthy, when someone in her family ill, she wants quick convenient and reliable care.

Typical system usage: educated, mobiles user, seeks health information online.

Preferences: Produce online health resources, make care easily accessible from home or work from convenient locations

2. Name: Justin

Role: Business Traveler

Age: 35-40

Income: more than 85k

Goals: Spend more time in booking travel

Typical system usage: Mobile App, Software and Internet, Social medias

Preferences: planning easy go travel, saving time

3. Name: Hanumantha

Role: Local Farmer

Age: 40-45

Income: more than 25k

Goals: to improve his family livelihood, to find out better cattle forming, crop planting, cheese making methods, to learn about local water projects and how they benefits him.

Typical system usage: mobiles use, govt. advice, farmers local meetings

Preferences: Milk Production, Best fertilizer to use.

II. Epics and use stories

- **Build integrations with public weather services around the world**
- **Provide severe weather advisory to registered users on the portal**
- **Show current weather at a location**
- **Provide seasonal forecasts like seasonal precipitation and temperatures**
- **Make a responsive design for the portal (usable for different devices and form factors)**

User Story with epics

Build integrations with public weather services around the world

1. As Business traveler, Justin needs public weather service around the world so that he can be able to plan the travelling and make easy business trip.
2. As working mother, Neha needs important updates of public weather if that is relevant so she can take precautionary steps for the family or ill persons.
3. For Hanumantha, Integration with public weather service around the world helps to get knowledge about weather all around the world and he may apply new ideas in his crop plantation, cattle farming.

Provide severe weather advisory to registered users on the portal

4. Hanumanatha as a farmer, needs weather details on every day because to prevent unnecessary crop destruction and water maintains so he can easily enroll with free registration on the portal and he will get necessary information.
5. Neha also needs weather details so she can register on portal and get required weather details from the portal and so that easily maintains her family along with work.
6. For Justin, registration on user portal helps to notice weather accordingly he can plan his schedule and allows for greater convenience.

Show current weather at a location

7. To Neha , current weather at a location details helps since her busy work schedule makes it challenging to take sick days for her or her children
8. A local Farmer hanumanth, benefits a lot with current weather at a location since he is farmer he needs to take care of crop, cattle's and water to get good earnings.
9. Justin, the portal shows current weather at a particular location makes greater benefits in time , health and food

Provide seasonal forecasts like seasonal precipitation and temperatures

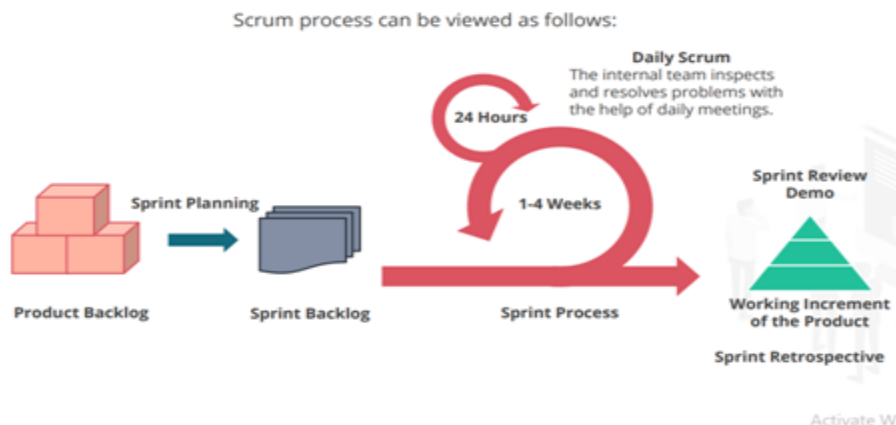
10. Neha, Trough seasonal forecast easily maintains her children in consumption of hot versus cold beverages depending on cold, sunny or rainy weather
11. Hanumantha, can plan accordingly seasonal forecast like saves water in rainy days can be useful in summer. So that he can distribute correct quantity of fertilizer , water for crop and for summer arranges food for cattle's.
12. Justin, as traveler he must care his health also seasonal forecasts details make his schedule easy by caring clothes, beverages and foods.

Make a responsive design for the portal (usable for different devices and form factors)

13. Neha, as a working women have less time get in dive with all the design of the portal, if User interface and the plat form of the portal easy and responsive it get attracted by the user.
14. Justin, almost traveler uses portable devices the portal forms and the designing should compatible with different devices may helps in good rating of the portal.
15. Hanumantha, the UI design, forms designs overall portal can be able to use by less educated people like hanumantha and the applications may run easily on other devices also helps .

III. Identify the minimally viable product considering the goal of the organization is to launch quickly and rapidly improve and expand the product footprint.

- The need of the organization: is 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.
- Clear idea: While GTM has no expertise in meteorology, it proposes to aggregate weather data from multiple providers and use analytics to correlate it with meaningful conclusions for businesses.
- The Best approach is Agile and scrum: Our highest priority is to satisfy the customer through early and continuous delivery of valuable software.
- Design Process: scrum design process



Measuring and Improving:

getting a clear idea is a crucial thing for any business that helps humans with their solutions. So Process of questioning leads to improvement.

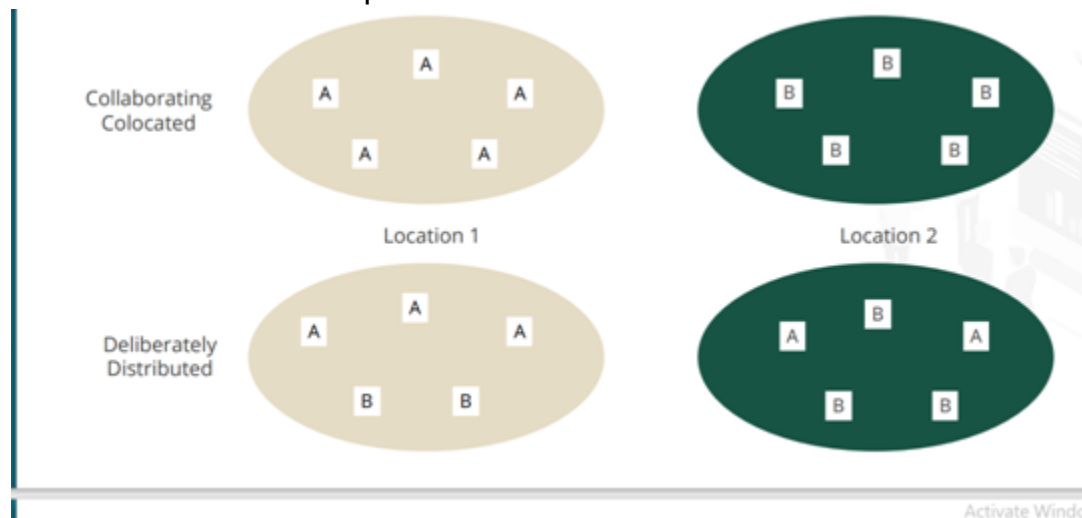
- MVP features: A balanced scorecard gives a holistic set of measures to assess the success of Scrum. Future Orientation: Employee Satisfaction: Complaints Scrum Understanding: Conferences, Business Value: Business Value Delivered: Cost savings, revenues Features Per Release: User-visible features.
- Build : If you are settled on the key features and heard about the needs of the business, you are ready to build M-V-P. Also remember, while this is not a finished offer, you still need to meet consumer demands. So make it simple, engaging, and as customer-friendly, as you can. A lean startup can sign up a project by choosing the technology in a way that best fits their project needs.

- **Measure and Learn:** When the product is ready to offer, it's time for measurement. The first checking stage, however, is performed by quality assurance engineers who work to increase product consistency before the product release. Post a new product released, you can further analyze the customer feedback and can improve the quality according to the needs. And test again. Yes.

Quality control is not a one time process as you may think, but a constant process journey. It helps in order to reach the final product into the market with a high reputation.

IV. **Distribution Models**

Teams that need to collaborate may be collaborating colocated or deliberately distributed. Consider the pros and cons of each.



Good practices of distributed Agile

