Creating a user journey is a quick way to help you and your team gain a deeper understanding of who you're designing for, aka the stakeholder in your project. The information you add here should be representative of the observations and research you've done about your users. 🔎

**User journey**

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🧑

**People**

2–9

⏰

**Time**

30 min

🟢

**Difficulty**

Beginner

**1 Phases**

Ignition

Growth

Fully Developed

Decay

High-level steps your user needs to accomplish from start to finish

**2 Steps**

Detailed actions your user has to perform

A source of ignition is anything that has the potential to start a fire. E.g: a naked flame or a faulty electrical applicance.

consumers have accepted the product in the market and customers are beginning to truly buy in market for the product is expanding and competition begins developing.

Fire has spread over much if not all the available fuel.

Temperatures reach their peak. Resulting in heat damage.

Oxygen is consumed rapidly.

Usually the longest stage of a fire. They characterized a significant decrease in oxygen or fuel.

Putting an end to the fire.

**3**

**Feelings**

What your user might be thinking and feeling at the moment

More precise.

It control spark timing ,it improves engine efficiency,it improves efficiency and performance.

The major factor that influence the fire growth are Lightening,high atmospheric temperature and dryness may cause fire and damage.

Fire removes low-growing underbrush.

Cleans the forest floor of debris. Opens it up to sunlight.

Nourishes the soil.

They kill harmful insects

They clear way diseased trees. They make way for new trees

The ashes add nutrients to the soil.

**4**

**Pain points**

Problems your user runs into

No matter the cause,wildfires still require three key components to ignite and eventually spread fuel,heat and oxygen.These components are commonly referred to as the fire triangle.

Wildfires can disrupt transportation,communication , power and gas services and water supply. They also lead to a deterioration of the air quality,loss of property,crops,resources,animals and people.

# Human carelessness is the biggest factor contributing to wildfires.

Fire detection systems has many limitations, such as thelimited amount of energy, the energy required for data processing, the short range of communication and limited computations,the complexity of ML algorithms when executing on sensor nodes.



**5**

**Opportunities**

Potential improvements or enhancements to the experience

Fire removes low Growing underbrush cleans the forest floor of debris

# Opens it up to sunlight Nourishes the soil

Fire frequencies determine the over storey of coniferous composition.Besides developing a natural space among the stands.

It plays a role in recycling nutrients from the ground layer vegetation and litter to the over storey trees.Thereby counteracting the infertile substrates and arrested decay.