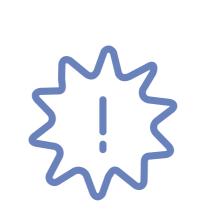
SCENARIO

Browsing, booking, attending, and rating a local city tour



Entice

How does someone initially become aware of this process?



Enter

What do people experience as they begin the process?



Engage

In the core moments in the process, what happens?



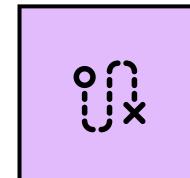
Exit

What do people typically experience as the process finishes?



Extend

What happens after the experience is over?



Steps

What does the person (or group) typically experience?

Visualize the

Training happening

with various fields

Use the real time data for prediction

Give the real time

weather data and

other parameters to

the model

Take the generic model and make it specific for that particular Wind mill

Customize the Train the model

> With the specific inputs train the model for that

Perform Power Output prediction

With the weather parameters and history as input perform power prediction.

The predicted power output based on our ML Model

Grid Management

With the Predicted Calculate the error power output we will between predicted be able to Integrate and Actual power

Error Calculation

output

Store the data and calculate accuracy

Store the data for

future prediction and

update the ML

Model

Centralized Control

Increased Efficiency

The prediction model for all can be controlled from a central hub

Being able to predict the power the production efficiency can be increased.



Interactions

What interactions do they have at each step along the way?

- People: Who do they see or talk to?
- Places: Where are they?
- Things: What digital touchpoints or physical objects would they use?

The Customer Buys our Prediction software

Weather Forecast shows the weather for routine days

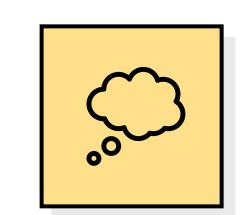
particular Windmill

It shows the Wind speed at the location of the particular wind mill

Customer's email

Feedback from the customer

Customer Support in setup of the ML Model



Goals & motivations

At each step, what is a person's primary goal or motivation? ("Help me..." or "Help me avoid...") Help in getting power output

Helps in avoiding power loss

Provides faster prediction time

Modern Technology

has made power

output prediction

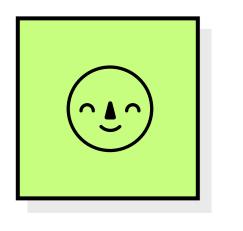
simple

Helps in avoiding power loss

Helps in grid integration

Companies has found this ML model useful and opted for

using it

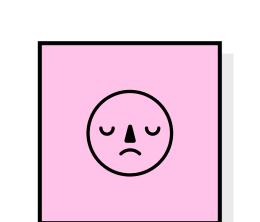


Positive moments

What steps does a typical person find enjoyable, productive, fun, motivating, delightful, or exciting?

Power output prediction without any manual calculation.

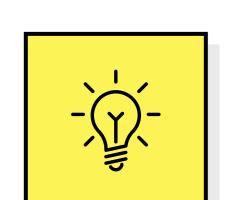
Irregular weather patterns proves



Negative moments

What steps does a typical person find frustrating, confusing, angering, costly, or time-consuming?

difficult for predicting



Areas of opportunity

How might we make each step better? What ideas do we have? What have others suggested?

Increase in use of Wind Energy

New Companies

emerge increasing the production of renewable energy