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?

- **Train the model with the previous data**
- **Use the real time data for prediction**
- **Visualize the Training happening with various fields**
- **Give the real time weather data and other parameters to the model**
- **Customize the model**
- Take the generic model and make it specific for that particular Wind mill
- **Train the model**
- With the specific inputs train the model for that particular Windmill
- **Perform Power Output prediction**
- With the weather parameters and history as input perform power prediction.
- **Power Output**
- The predicted power output based on our ML Model
- **Grid Management**
- With the Predicted power output we will be able to Integrate the
- **Error Calculation**
- Calculate the error between predicted and Actual power output
- **Store the data and calculate accuracy**
- Store the data for future prediction and update the ML Model
- **Centralized Control**
- The prediction model for all can be controlled from a central hub
- **Increased Efficiency**
- 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**
- **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
- Helps in avoiding power loss
- Helps in grid integration

Positive moments

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

- Power output prediction without any manual calculation.
- Modern Technology has made power output prediction simple
- Companies has found this ML model useful and opted for using it

Negative moments

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

- Irregular weather patterns proves 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