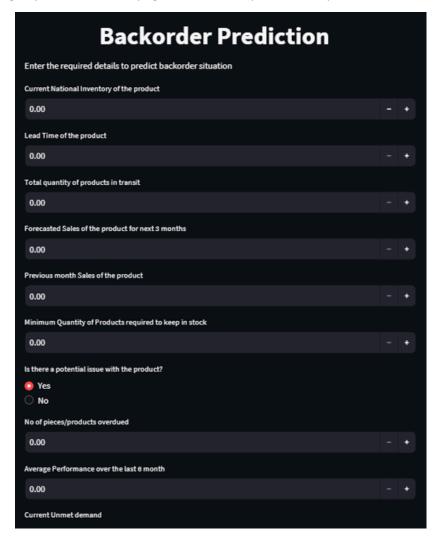
# Backorder Prediction System

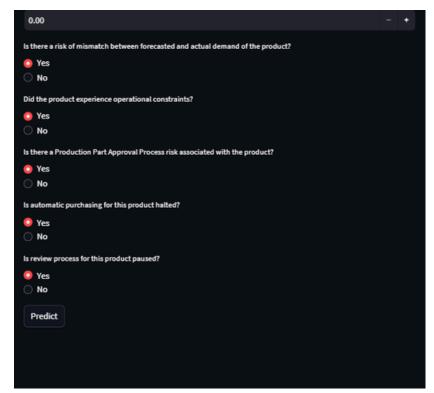
Wireframe Documentation

## **Prediction Page**

The following shows the user interface created on Streamlit Web application: -

1. First thing anyone will see is a page with all the input fields required for the model prediction.





- 2. After filling the details and clicking on the submit button, the user will receive a message below the predict button, stating the two possibilities:-
  - · If model gives prediction as No, then:-

#### Prediction: No backorder situation expected

· If model gives prediction as Yes, then:-

Prediction: Yes, product expected to go on backorder

### **Backorder Prediction System Wireframe**

## **Backorder Prediction** Enter the required details to get prediction of backorder prediction Current National Inventory of the Product Lead Time of the Product Total quantities of product in transit Forecasted Sales of the product for next 5 months Previous month sales of the product Minimum quantity of products required to keep in stock Is there a potential issue with the product? (Yes/No) No. of pieces/products overdued Average Performance over the last 6 months Current Unmet Demand Is there a mismatch between actual & forecasted demand? (Yes/No) Did the product experienced operational constraints? (Yes/No) Is there a ppap risk associated with the product? (Yes/No) Is automatic purchasing for this product halted? (Yes/No) Is review process for this product paused? (Yes/No)