TOP STUDENT PROJECTS

Best innovations from VTU, Gokak

PROJECT TITLE

Fit_liens

Team - Impact innovators

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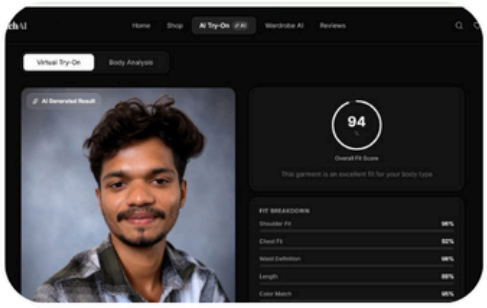


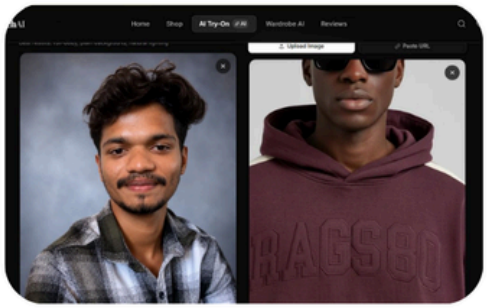
PROBLEM STATEMENT

Online shoppers often face difficulties in selecting the correct clothing size. Standard size charts do not fit all body types, leading to incorrect size selection and product returns. This causes customer dissatisfaction and loss for e-commerce platforms. Therefore, a Fit Prediction System is developed to recommend the correct clothing size based on user measurements.

SOLUTION

The proposed Fit Prediction System uses user body measurements to recommend the most suitable clothing size. It analyzes the user's height, weight, and body dimensions to predict the correct fit. The system helps customers choose the right size before purchasing. This reduces product returns and improves customer satisfaction in online shopping. The system provides personalized recommendations based on individual body characteristics, ensuring better fitting garments. It also helps e-commerce platforms reduce return-related costs and improve the overall shopping experience for customers.





SCAN ME

Technology stacks:

React.js + Tailwind CSS	FastAPI (Python)	Random Forest / XGBoost
MongoDB	OpenCV + MediaPipe	AWS or Render