



FIELD OF THE INVENTION

The present invention relates to the field of artificial intelligence, computer vision, and fashion technology, particularly to a silhouette-based digital twin system for personalized Indian ethnic wear styling and design visualization.

BACKGROUND OF THE INVENTION

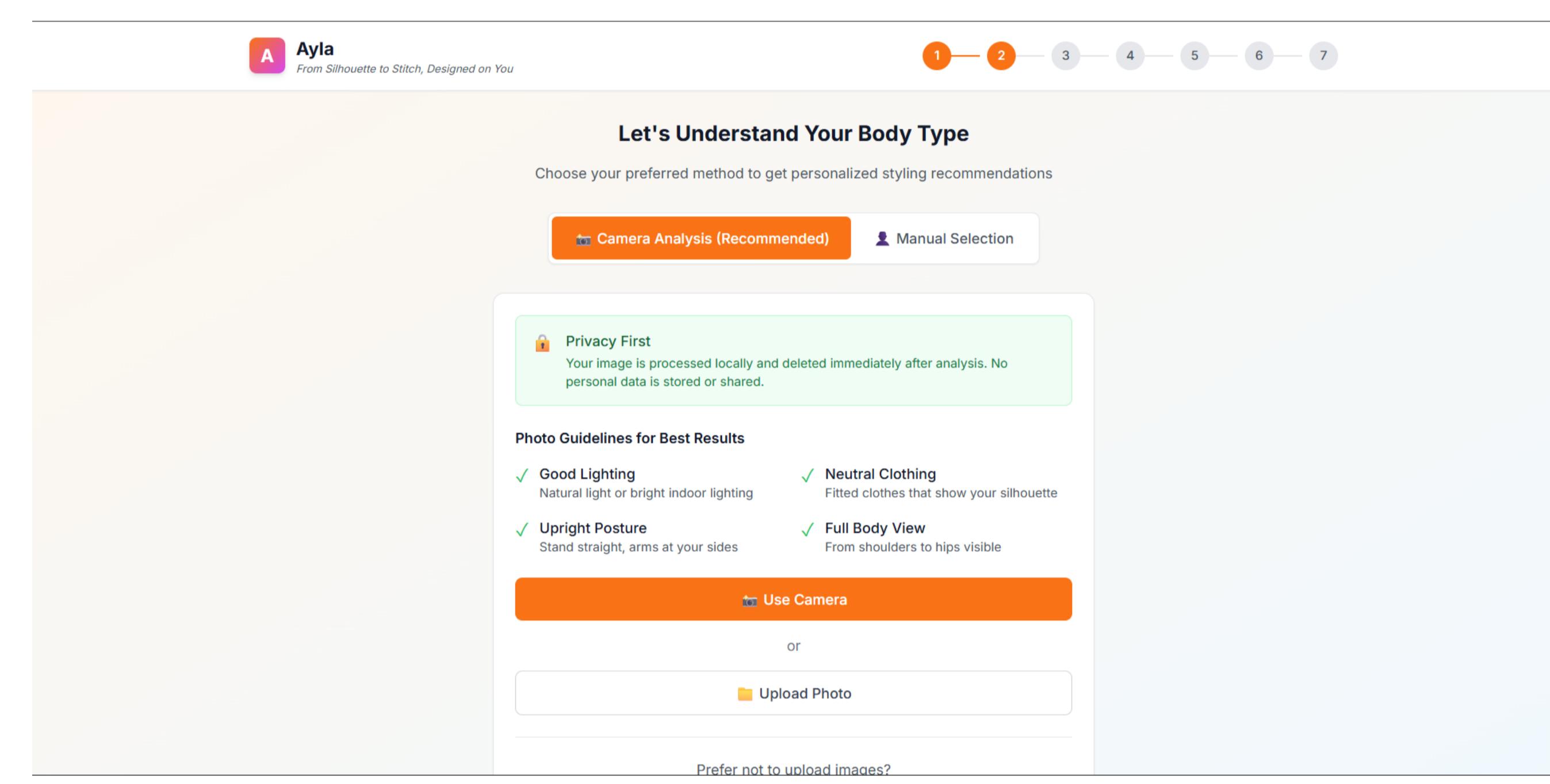
- ❖ Difficulty in visualizing ethnic outfit designs on individual body shapes before stitching.
- ❖ Dependence on verbal descriptions, reference images, or mannequins in traditional tailoring.
- ❖ Frequent mismatches in design expectations and repeated alterations.
- ❖ Existing platforms lack body-specific visualization and tailor-ready design support.



OBJECTIVE

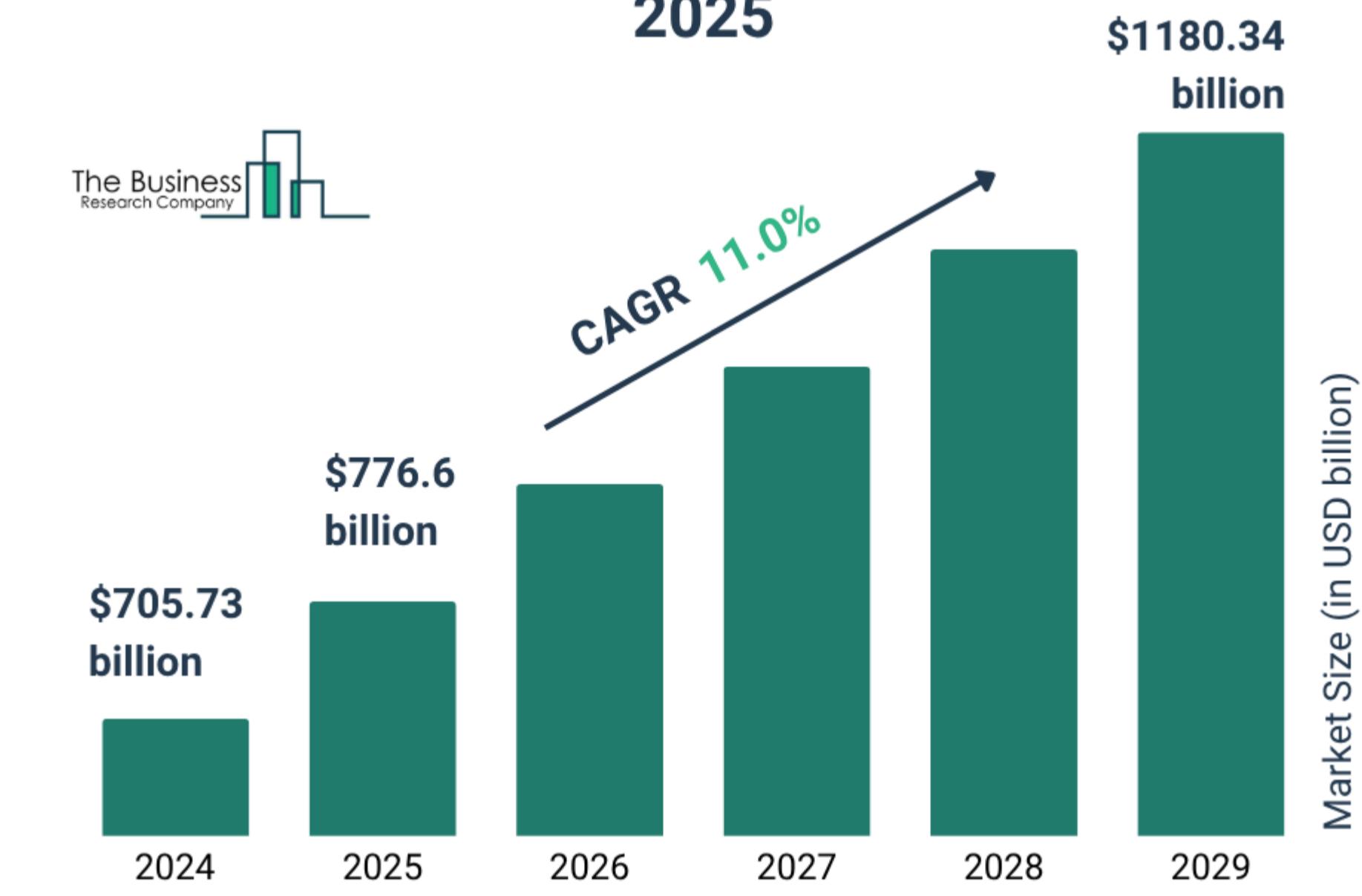
To develop an AI-based digital styling platform that helps Indian women visualize and finalize ethnic outfit designs before stitching.

SCIENTIFIC VALIDATION



COMMERCIAL VIABILITY

Online Fashion Retail Global Market Report
2025



INDUSTRIES IDENTIFIED

- ❖ Fashion Technology
- ❖ Industry, Apparel and Garment Industry,
- ❖ Tailoring and Boutique Services,
- ❖ AI-based Personalization Platforms.

COMPARISON WITH NATIONAL & INTERNATIONAL PRODUCTS

- **NATIONAL :** STYLZ , zazzdrobe
- **INTERNATIONAL:** DNA styles

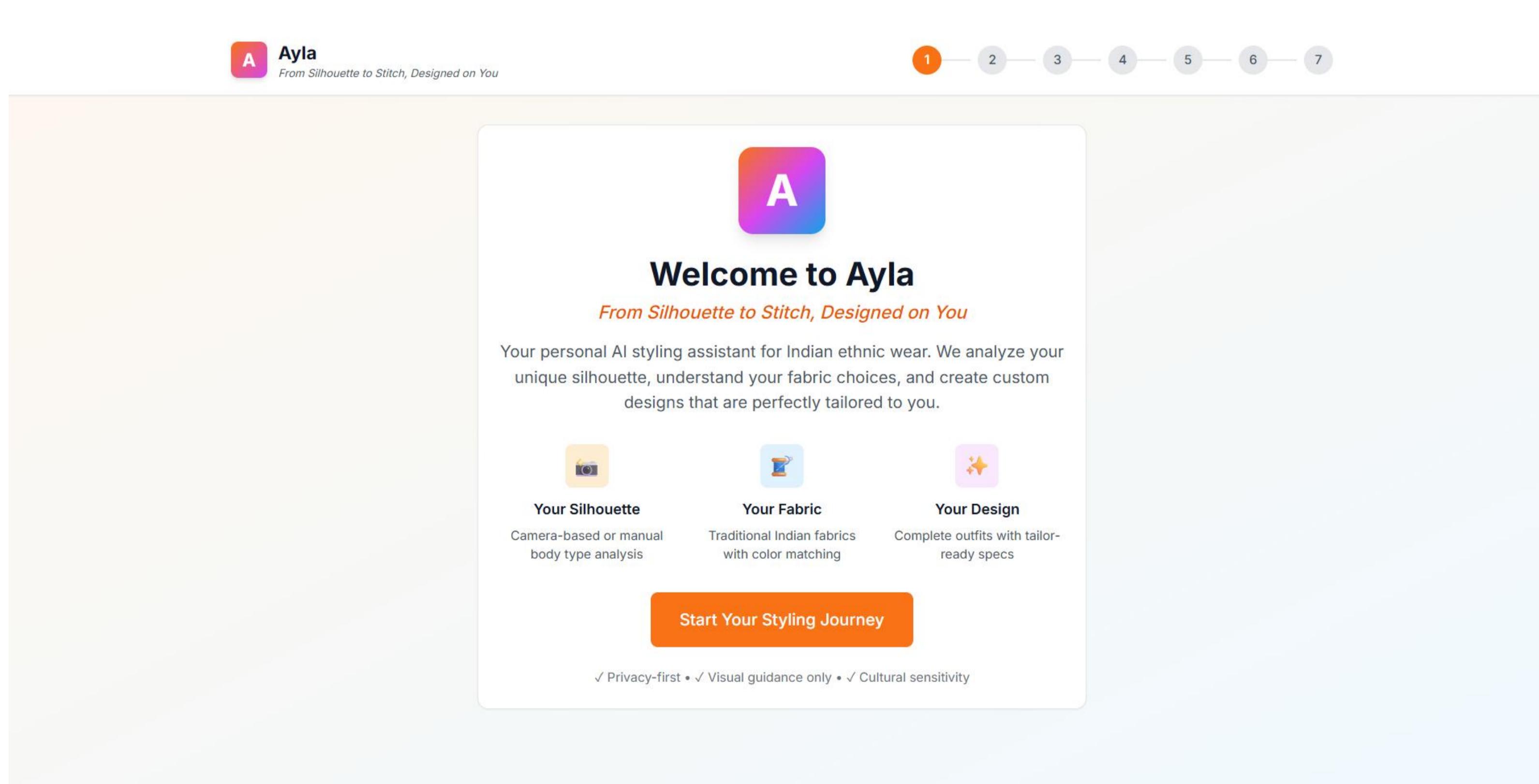
COST OF THE PRODUCT

Market Price = Free / Premium: ₹99–₹299/month

STUDENT INNOVATOR

Trina Joan Lynus (URK23CS1308)
D Jerlin Seraphina (URK23CS1004)
Jershlin Paul J (URK23CS1059)

PRODUCT DEVELOPED



MENTOR :
Dr Anitha J