

ANVĀDHĀ

ANDROID APP TO FOSTER
HISTORICAL CRAFTSMANSHIP

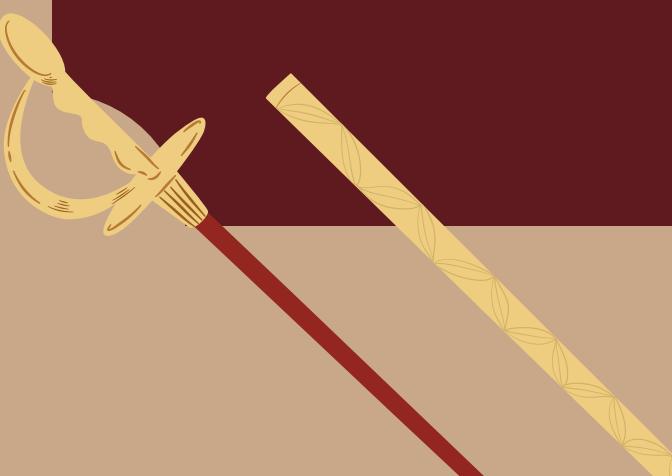
Presented by: Team 11



MOTIVATION

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Addressing gaps in existing platforms - limited employment opportunities, lack of interactive engagement.



PROPOSED SOLUTION

- Showcases art origins across India.
- Connects users with practicing artists for interactive learning.
- Bridges artists with buyers, galleries, and events for employment opportunities.

BENEFITS

- Visualize art origins on an interactive map.
- Connect artists with buyers, galleries, and events.
- Contribute to quality education (SDG 4) and decent work (SDG 8).
- Preserve traditional craftsmanship for future generations.



EXISTING SOLUTIONS



NEED FOR SEARCH FUNCTIONALITY: AN ART EXPLORATION APP MUST SEARCH, FINDING SPECIFIC ARTWORKS OR ARTISTS HARD



POOR USER INTERFACE FOR HISTORY APP: A HISTORY APP NEEDS A CLEARER INTERFACE, DISCOURAGING USERS FROM ENGAGING WITH CONTENT



BOOKMARKING ART: BOOKMARK PARTIALLY WATCHED ART FORMS ON THE APP



NO SHARING ART FORMS: CURRENT SOLUTIONS DON'T ALLOW LOCAL ARTISTS TO SHARE THEIR ART FORMS

SOLUTIONS



Searchable Art Skills

Users explore art techniques via year range slide bars, tracking historical evolution.



User-Friendly GUIs

Intuitive interfaces enable easy navigation.

In-Depth Blogs

Each art form features informative blogs for deeper insights.



Parallax Interactive

Dynamic visuals via parallax enrich user experience.



TOOLS USED

Flutter, as a cross-platform SDK, is used to build both frontend and backend applications

Firebase features such as FirebaseAuth, Firestore and Firebase Storage for BaaS, Geocoding and Flutter Map APIs

ROOM FOR IMPROVEMENT

- Addition of Augmented Reality using ARKit and ARCore plugins
- Virtualization of Arts
- Virtual Workshops and Art galleries to commercialize
- Payment Functionality

