

STACKS

An AI-powered clip search app that employs content recognition and prompt-based searching to suggest suitable footage, assisting video content creation.



Problem

Initial Problem

Sep 2023
Research and build a tool to help video content creators streamline their creative process and produce high-quality, engaging content more easily by leveraging emerging technologies.

Design Question

Dec 2023
How can we help video creators efficiently select relevant and high-quality footage from their extensive video asset libraries during post-production?

Problem Statement

Amateur video creators frequently encounter challenges in the video selection process, which can be time-consuming. They often navigate through numerous or similar video files, manage videos across multiple devices, and lack real-time monitoring capabilities for action cameras. These barriers significantly impede their video creation efforts.

Solution

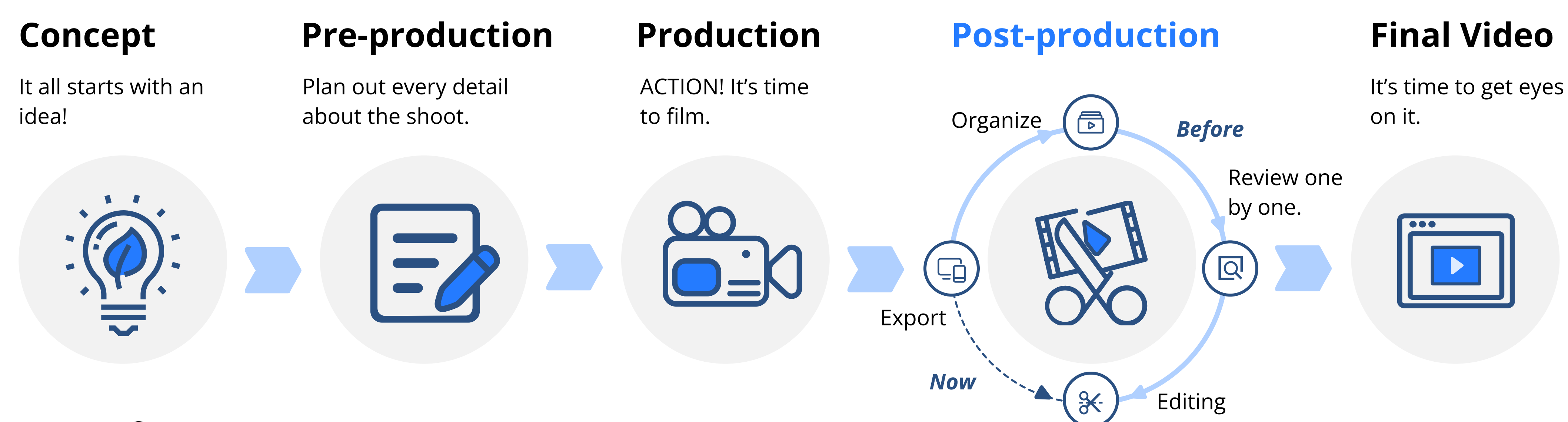
Mar 2024
Empowering video creation workflow with Stack: The AI-powered clip search solution. Our innovative mobile application seamlessly integrates with cloud storage and employs content recognition to indexing videos. Simply describe the footage you need using natural language, and Stack scours and returns the most relevant clips in a flash. In this approach, users can add and manage multiple scenarios within a single project. By streamlining video asset management and eliminating tedious manual search processes, Stack significantly enhances video creation efficiency, allowing creators to dedicate more time for creative expression.

Process/Approach

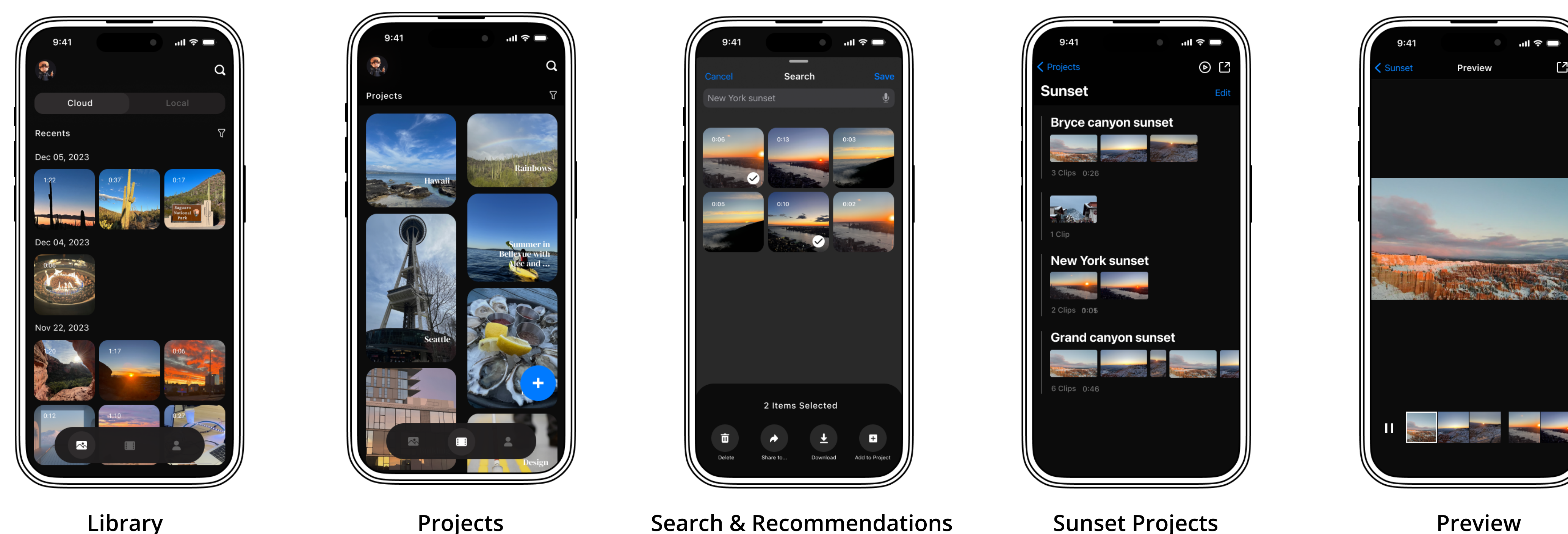
Beginning with comprehensive secondary research, we explored the problems in video creation domain and existing solutions. So we decided to focus on the post-production stage. Subsequently, we conducted primary research through interviews with video creators from amateurs to professionals, to identify pain points and user scenarios. Armed with these insights and the support from Meta professionals, we started crafting design solutions. We conducted three rounds of evaluation to continuously assess and iterate upon our prototypes.

Product

Video Production Process



Interface



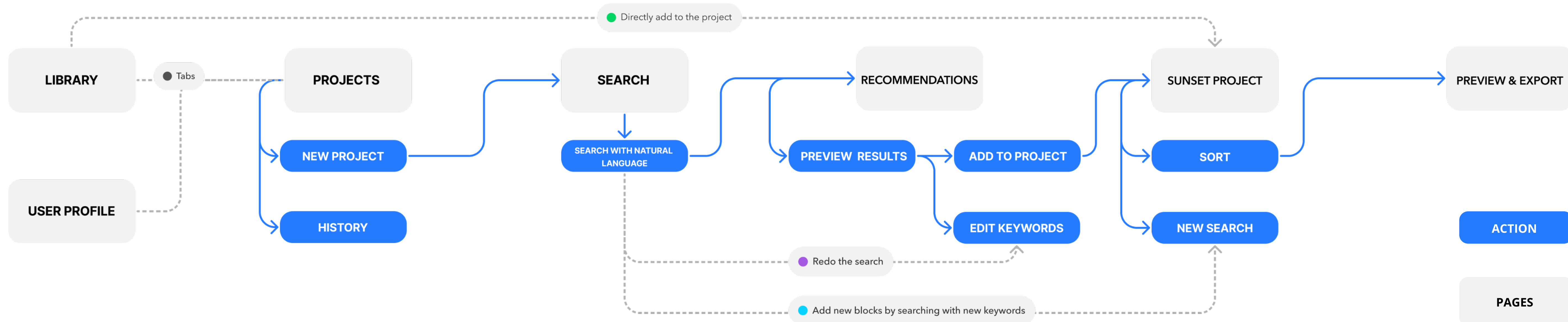
Highlights

For Amateur Creators
A joyful video productivity app designed for amateur video creators

GenAI Powered
Prompt-based video indexing and searching to enhance creativity, supported by GenAI

Block Editing
Explore new interaction design in video editing to simplify the process

User Flow



Software Diagram

