

Case study



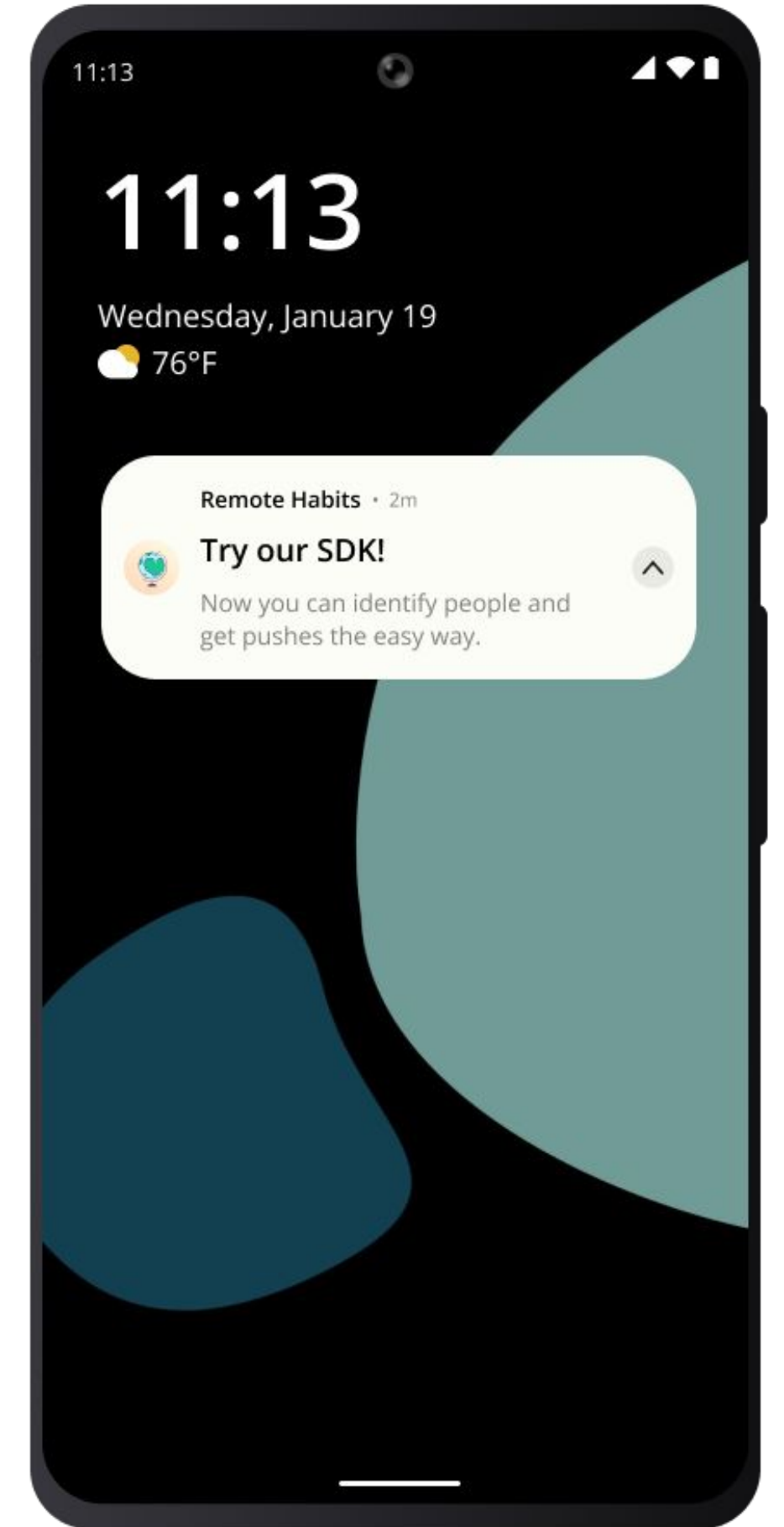
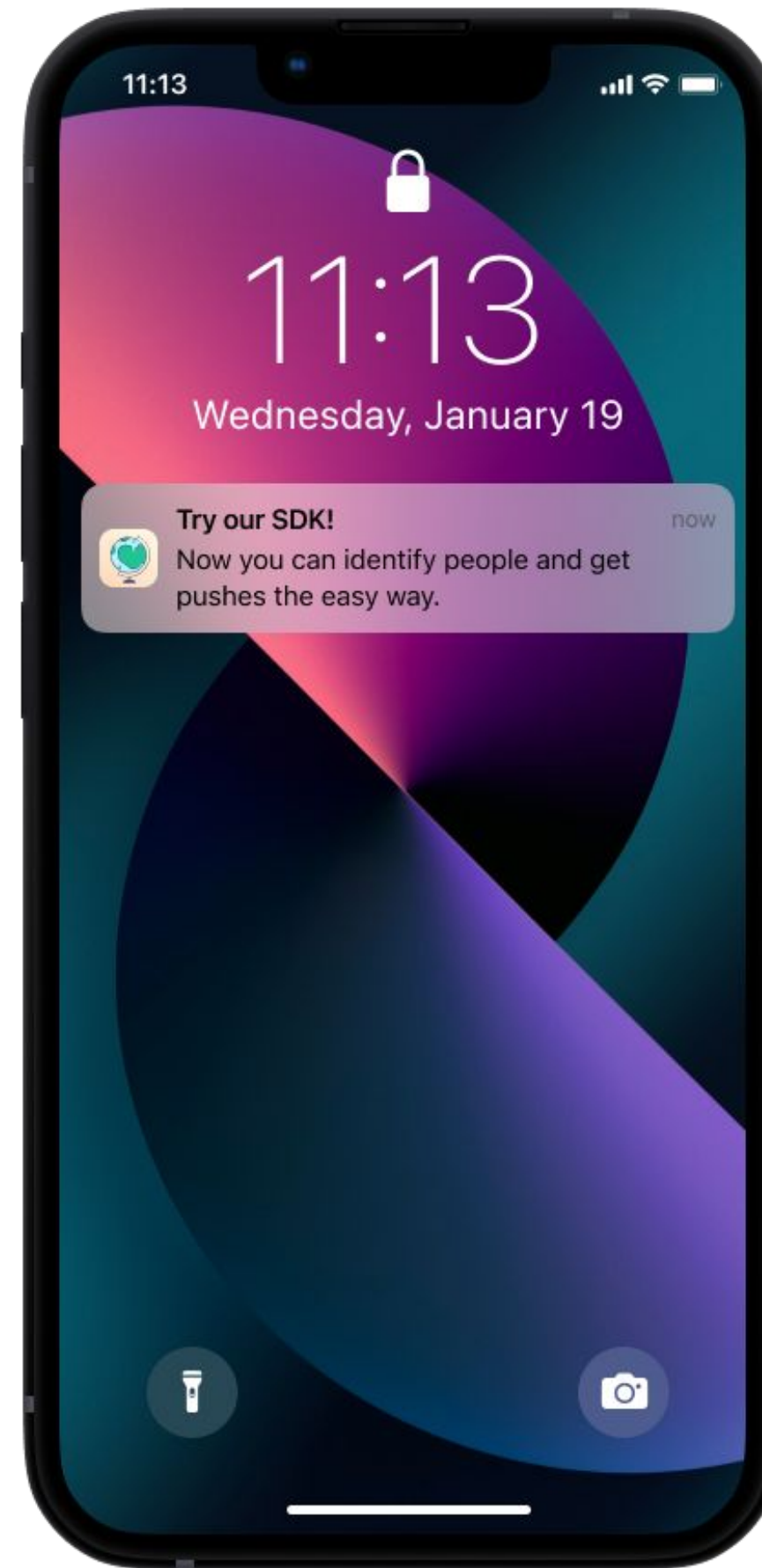
IOS/Android SDKs for Syte.AI



#E-commerce

Client

Israel



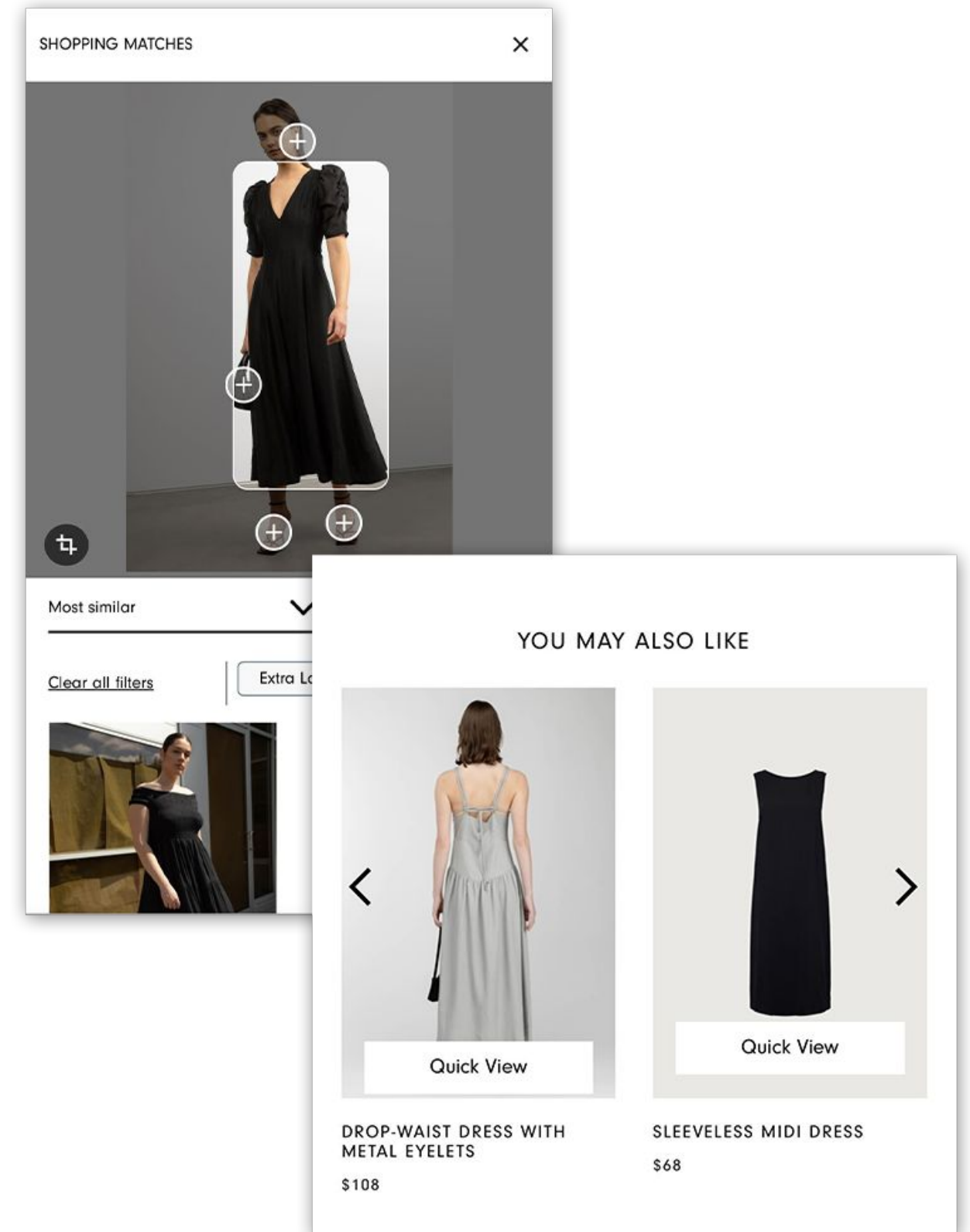
About The Client

Syte.AI empowers shoppers to instantly find items they'll love with inspiring, visual product discovery journeys that drive conversion and increase lifetime value.

As the world's first Product Discovery Platform, Syte uses visual AI to create intuitive search and discovery experiences for all types of shoppers. Syte.AI solutions include visual search, automated product tagging, advanced personalized recommendations, shoppable social curation, and more.

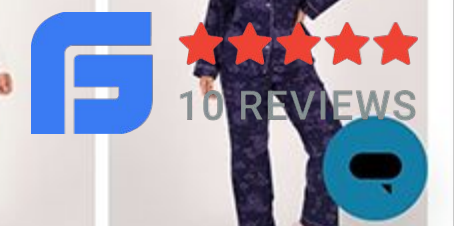
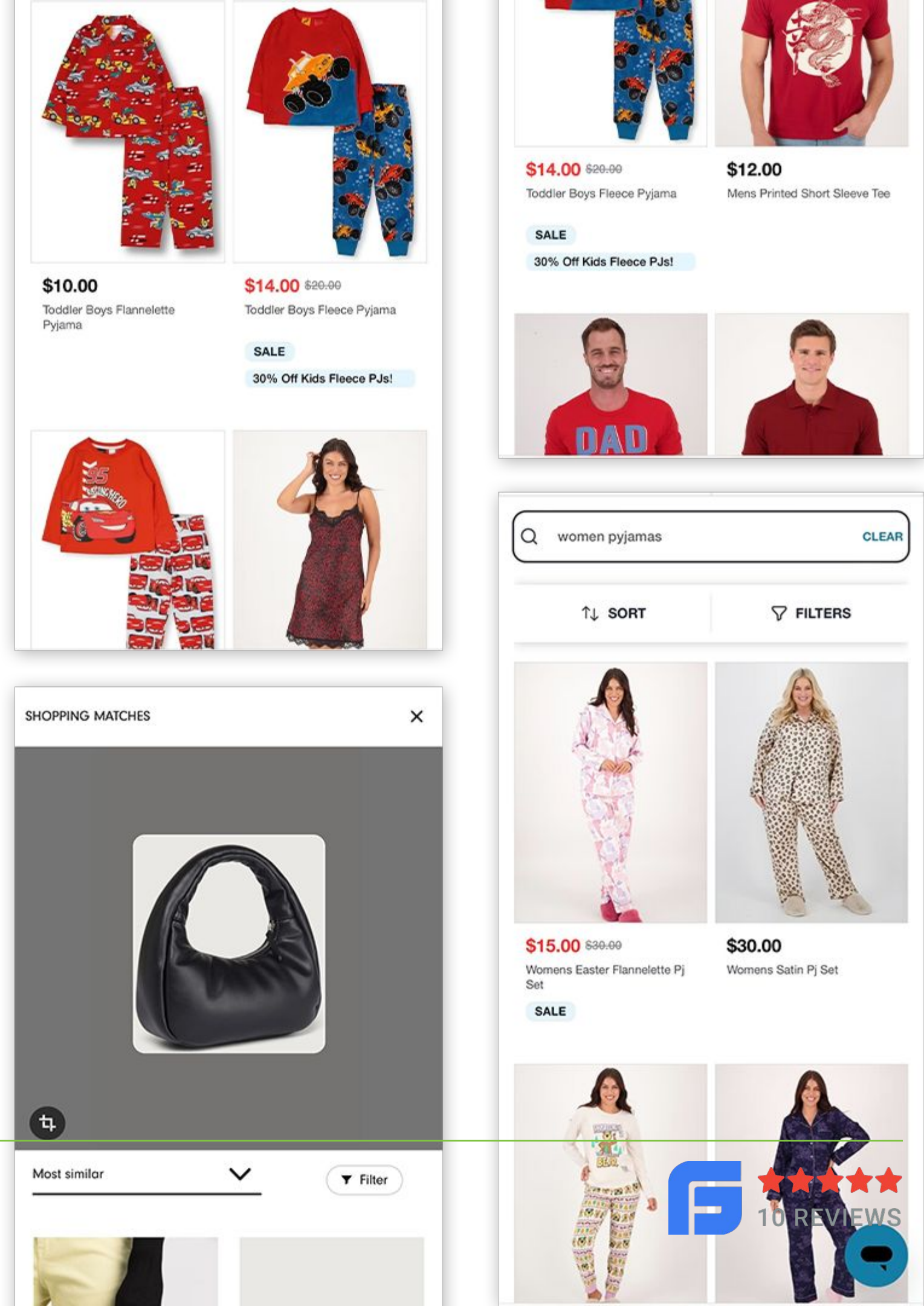
The Challenge

Integrating REST APIs in modern mobile development is challenging. Developers often struggle with preparing REST calls, managing asynchronous requests, and parsing responses. This process consumes valuable development time and increases the risk of errors. Whether on Android or iOS, constructing HTTP requests and handling network communication can be cumbersome and error-prone. This complexity can hinder productivity and lead to potential bugs, especially for those not specialized in these tasks.



The Solution

Clover Dynamics Android and IOS Engineers have implemented a solution to these challenges. Our SDKs for both iOS and Android simplify REST API integration in mobile apps. They encapsulate the complexity of networking calls and data handling, offering a more intuitive and structured approach. By abstracting the low-level details of HTTP communication, the SDKs allow developers to focus on building the core functionality of their applications. This not only improves efficiency but also reduces development time and enhances productivity and reliability.

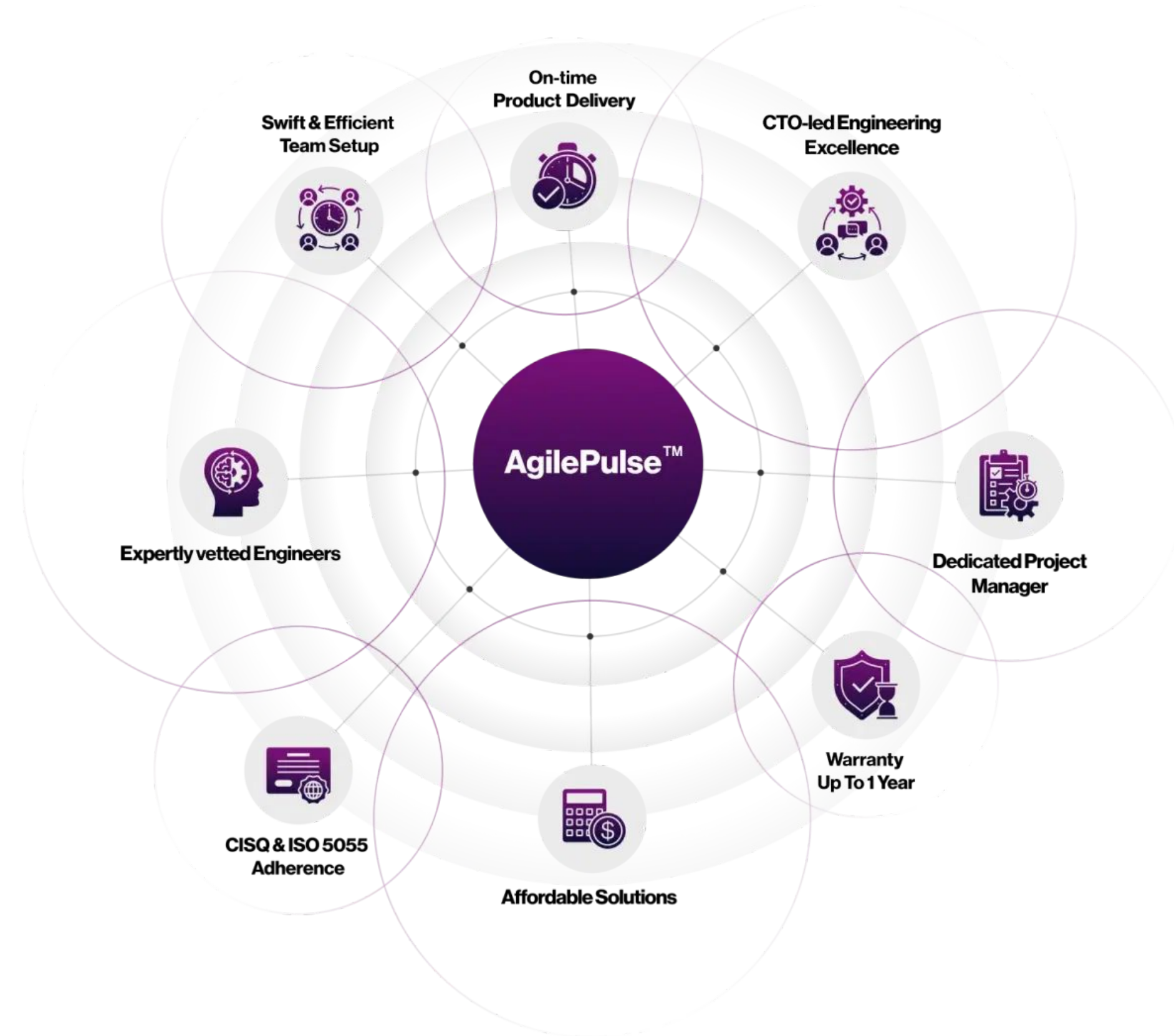


Benefits of Clover Dynamics

At Clover Dynamics, we believe in building long-term relationships with our clients through exceptional customer experience. We provide a full cycle of product development services & Team Extension, that go beyond coding and into the realm of delivering value. Our team of skilled professionals is dedicated to helping our clients achieve their business goals through innovative technology solutions and unparalleled customer experience.

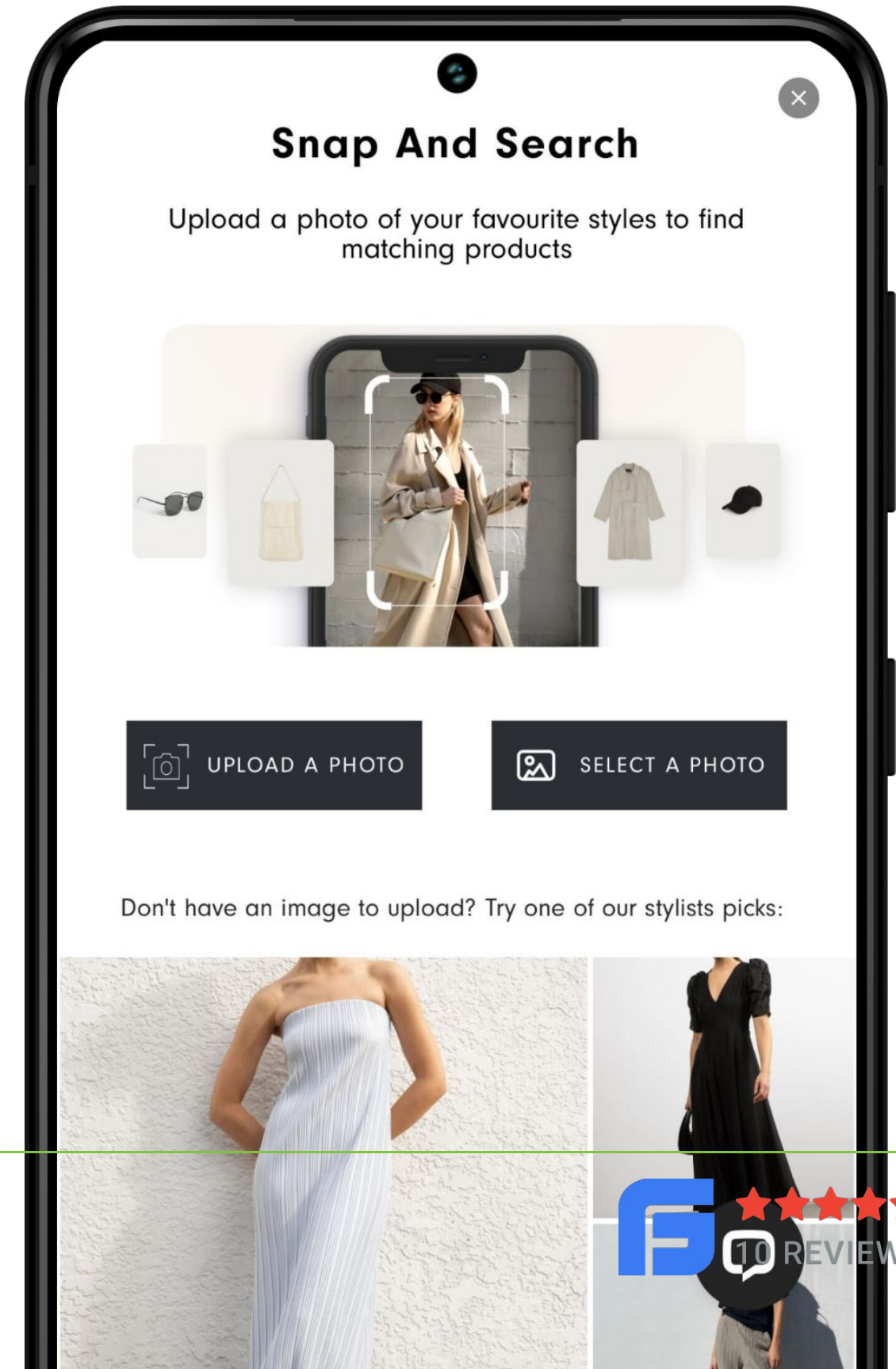
Drive your project to success with CTO-led engineering excellence, ensuring that every aspect of your development is guided by top-tier expertise and precision. Our expertly-vetted engineers are selected through a rigorous process, guaranteeing that your team is composed of subject matter experts dedicated to delivering quality results. Benefit from continuous CTO oversight throughout your project, providing a layer of strategic insight and oversight that sets the standard for excellence.

Let's talk! →



The Features

- **Pre-Configured Network Components:** User-friendly components tailored for common API interactions, representing essential functionalities.
- **Class-Based Architecture:** Organized, modular structure segregating different API functionalities into distinct classes for intuitive organization.
- **Flexible and Extendable:** Customizable components adaptable to specific project needs, allowing for the addition of new features.
- **Extensive Documentation:** Complete guides, examples, and references for seamless integration and usage.
- **Optimized for Both iOS and Android:** Designed to align with the standards and practices of both the iOS and Android development ecosystems, ensuring seamless integration.

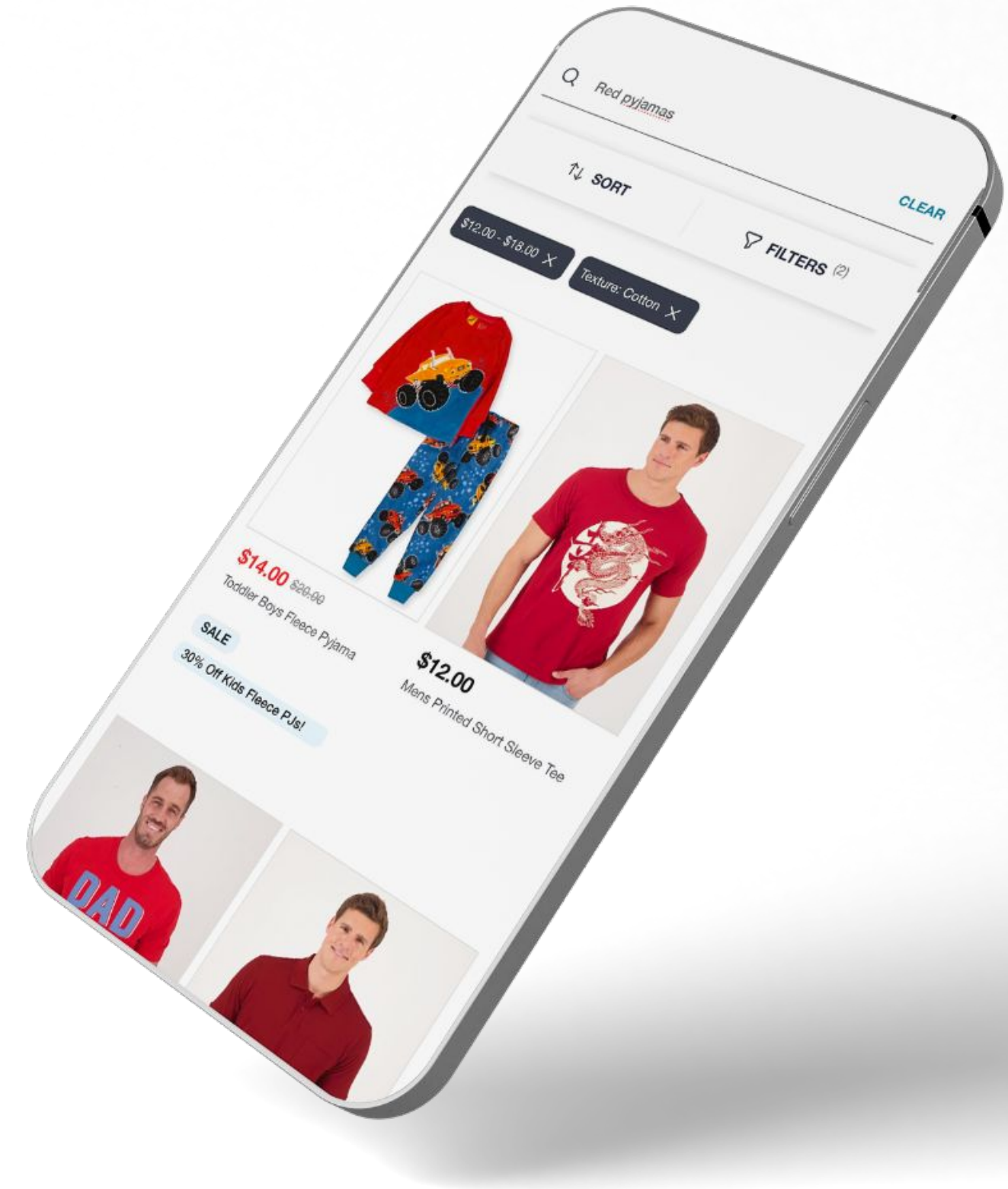


Deliverables

The client retains ownership of all results and intellectual property developed during our collaboration, including the source code for the Chrome extension. We also provide a comprehensive documentation package that includes Software Requirements Specifications, Project Specifications, Architecture documentation, Code coverage report, and other relevant work documentation. Additionally, we delivered a UI/UX Design Chrome Extension created using Figma, along with any necessary publishing materials.

The Result

- The IOS SDK provides an efficient and developer-friendly solution that drastically reduces the complexities associated with REST API integration in iOS development. It enables the creation of sophisticated, network-enabled iOS applications in a more streamlined and error-free manner.
- The robust, efficient, and developer-friendly Android SDK, significantly reduces the time and effort required to integrate REST APIs into Android applications. By simplifying the process, it enables developers to create feature-rich, network-enabled apps more quickly.



Technologies

- Swift, iOS SDK, Alamofire, Codable
- Java, Android SDK, Retrofit/OkHttp, Gson/Jackson



Industries

- E-commerce

Services

- Mobile app development,
- Custom software development
- Dedicated team

Team

- 1 Senior Android Engineer
- 1 Senior Swift/iOS Engineer



Feel free to visit our [Website](#), [Portfolio](#), [LinkedIn](#) and [Clutch](#), pages.

We at Clover Dynamics are not just committed to delivering exceptional software solutions, we're also dedicated to fostering lasting partnerships. Looking forward for the opportunity to work together and create something truly remarkable



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