**POWERPOINT**

**SLIDE 1: Title**

**SLIDE 2: Team**

**SLIDE 3: Introduction**

The original idea of myAPTracker project has been given by BendingSpoons. The project consists in an application that let users to start tracking an Amazon product and receiving updates on price changes.

Our idea was to create an application in a social network style where all the users can access products added by other users, see all the price history and place comments on products they follow or not.

For this purpose, we also create an ad-hoc backend to keep application data and user accounts. Even if the application is accessible without an account, to trace a product and receive notification on price changes, an account is required.

Thanks to the backend, data are synchronized in all the devices accessed with the same account.

**SLIDE 4: Technologies**

In this slide all the technologies used in the project from the application to the backend are reported. Now we just focus on SwiftUI framework used to create the iOS application and Firebase (FCM) to manage per-user push notification.

We also provide three social authentication, Google, Facebook and Apple in addition to the classic username and password.

Just two words on the backend, API and business logic part is written in PHP while the Amazon scraper is written in Swift and called by shell execution from the PHP script.

**SLIDE 5: Device & Capabilities**

myAPTracker supports iOS/iPadOS 14, watchOS 7 and later versions, the interfaces support iPhone in portrait mode and iPad in portrait, landscape and all the size combination of the split view.

The localization has been activated in the application and now it is translated in English and Italian, other languages can be easily added.

Finally, we also created a bunch of widgets for iPhone and iPad to have a quick access from the home screen to the latest discount.

**SLIDE 6: Functionalities**

**SLIDE 7: Testing**

**SLIDE 8: Further implementations**

**DEMO**