*PRODUCT REGISTRATION AND AUTHENTICATION ANDROID APPLICATION*

*AND*

*SMART TV CONTROLLER APP*

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***Overview of Project:***

The project involves making 2 android applications.

1. Product registration app:

This app would register authentic products and help customers identify genuine goods. The app would also gather basic data about the customer like their location ,date and time of purchase which could later be used by the manufacturer for analytics. The products will be identified by processing their QR-Code and their genuineness will be determined.

1. TV controller app:

The app would serve as a controller to a smart TV, and would be able to control its basic functionalities. The app would basically serve as an audio controller helping to maintain an average sound level when the TV operates and prevent the vast fluctuations in audio levels.

The app is basically developed as there is very large change in audio level when a commercial starts. The app would function to control this and maintain an average sound level.

***Product functions***

1. The app is developed for authentic purchase of equipments. With a single scan of the QR code customer gets to know validity of the product thus easing the purchasing experience.

On the manufacturer’s end, with the help of this app he can obtain analytical data and further optimise his manufacturing process in accordance with the data collected.

2. The basic idea behind the app is to provide an audio controller. The app would improve upon the existing apps by providing the functionality to maintain an average audio level.