



ABSTRACT

There are many shapes, sizes and colours of glasses in the market. It is difficult for people to select the right pair that fits. FashionAR allows anyone to try on different sunglasses and spectacles anytime, anywhere. Our application provides the best glasses to suit the user's face shape and preferences. Users might even discover new designs that they would never have thought of trying. FashionAR is especially helpful during this COVID period, enabling consumers to try on various glasses virtually before purchasing, creating a hygienic and convenient experience.

FASHION

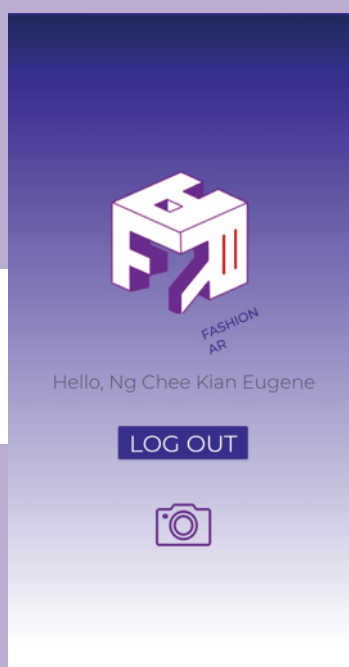
DESIGN AND INNOVATION PROJECT

INFORMATION ENGINEERING AND MEDIA

AR

METHODOLOGY

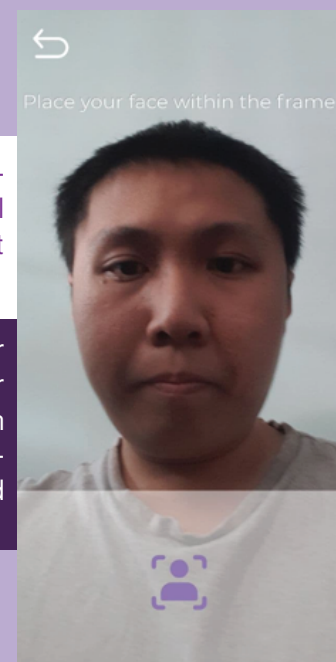
1



Login using your Gmail account.

An account will be registered on Firebase.

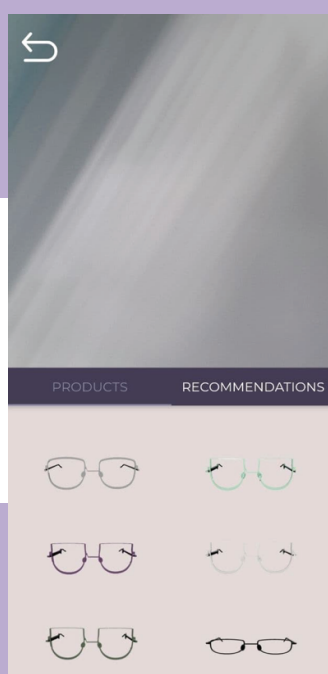
2



Scan your face shape to get recommendations from the app. This will help you find the glasses that best suit your face shape and style.

The picture is sent to AWS Server and will be processed by our machine learning algorithm. Upon detection of face shape, an appropriate glasses will be recommended to the user.

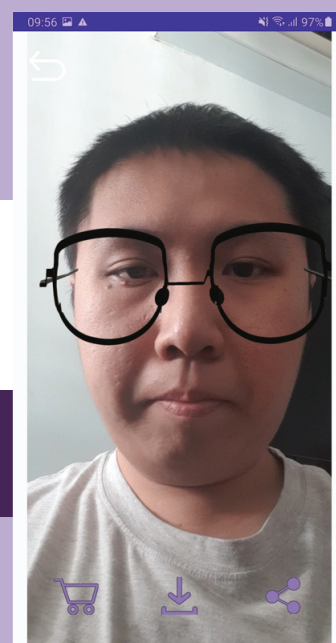
3



Scroll through the list of glasses available to find a pair that you like. You can also rate each individual glasses.

Server records and learns the user's preferences which will be used for future recommendations.

4



Take a picture with the pair that you like. Purchase the glasses by clicking on the shopping cart icon, download it or share it with your friends online.

The application will redirect users to the respective shops and appropriate applications.