

## ABSTRACT

In today's modern era, technology has developed a lot. Starting from the existence of smartphones, internet, 4G signals, Virtual Reality, Augmented Reality, smartphones with satellite connectivity and so on. Continuing the use of existing technology, the author tries to utilize and develop existing Augmented Reality technology to further human use in everyday life, to create more "technology that makes it easier for humans".

The problem that the author takes in this case is the image appearance sector or human grooming of the male sex, namely hair. Hair is the crown for men. Errors in selecting hairstyles and confusion in selecting hairstyles when shaving are common in men.

The final project entitled Myhaircut was made to help people who are confused in determining the style of haircut and help improve the human image by utilizing augmented reality technology based on Android applications. In this application there are features to get the shape of the face using the front camera, determine the hairstyle, try on a haircut model in the form of a live 3D model, access the map to find a barbershop, barberbershop or women's salon, learn and get tips about hair.

With this application, it is hoped that it will be useful for men in the world who are confused about determining the shape of their hair. Hopefully in the future this application can be further developed and more perfect for the advancement of "technology makes it easier for humans".

**Keywords :** *Augmented Reality, Face tracking, Android, Hairstyle, Google Maps.*