

## Abstract

Fast food is a food that is consumed directly and is fast, easy and interesting to consume. Consumption of fast food has become part of the lifestyle of some people, especially in urban areas. Therefore, often fast food is considered less affordable for some people. In this modern era, people, especially teenagers, choose restaurants that serve fast food as a place to eat, do tasks or just gather together. Restaurants that provide fast food are chosen because of the location, place and food factors that are considered suitable for the atmosphere. From the survey results, 46.7% of the community data when choosing a food menu, especially teenagers will find it difficult to choose a food menu that is in accordance with their budget.

From the description of the above problems, making the Food Reality application. Food Reality is an Augmented Reality based application that serves to display the food menu available at fast food restaurants according to the budget that is owned which interactively displays 3D objects from food served in the menu displayed using the rupiah as a marker. This Food Reality application is intended for a teen.

The Food Reality application is made using Unity 3D and uses 3D objects to display the food menu as information with the rupiah as a marker.

**Keywords:** menu, restaurant, money, rupiah, augmented reality, android.