

ABSTRACT

Physical Distancing is very important at this time to reduce the spread of the Covid-19 Virus, while one way is to keep a distance. During this pandemic, the problem experienced by most people is that it is difficult to find restaurants that are empty of diners or obey the rules of Physical Distancing. The creation of an app to help find a quiet restaurant is needed by the community. The creation of this application can use the Dynamic A(star) Algorithm. This method is usually used to determine the nearest route, Dynamic A*(star) proved effective through the results of research that has been done by researchers before. The determination of this path is done using data that has been obtained from several restaurants. The results obtained from this study are able to apply mapping and can also determine the closest path to the destination location with data taken from Google Maps. Results on Alpha testing have a success rate of 100% and also on Beta testing with valid validity results and also reable Reliability test results.*

Keywords : *Dynamic A*(Star), Physical Distancing, Restaurant.*