

## **Abstract**

This capstone research project looks at the problem of the taxi passengers in Davao City and investigates the main or usual problems they encounter during the ride. Hence, it is observed that most passengers were victims of a scheme that most drivers do, like tricking them of the route to collect an expensive fare. With this, the researchers considered to help these taxi passengers through developing a mobile application that is easy to install because most of people have their own smartphone. It serves everything that passengers need when they use taxi service. This app aims to help passengers save money, able to share their fare and passengers can view their route. Post-implementation results show that the respondents found the system provides an online avenue where users can communicate, hence minimize cost fare because they will meet personally to split fare. It can also determine the user profile and the user can know their ride travels which the calculation of time, distance and fare of the taxi.