

# PUBLIC TRANSPORTATION E-HAILING SERVICES FOR PASSENGERS MANAGEMENT SYSTEM

## OUR GROUP

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## INTRODUCTION



“E-hailing” is defined as a “convenient service vehicle.” This term is used in the public transportation, and examples of e-hailing vehicles are the Grab service and Uber services.

Ride-hailing refers to a service of booking a vehicle, typically through a mobile application, to transport individuals from one location to another. Unlike other services, ride-hailing allows users to request a ride on demand, often providing faster and more convenient access to transportation.

## OBJECTIVES

### General Objectives

To develop a System for the public transportation with the integration to the government and examines the possible Impact of this approach the E-hailing or Ride hailing to the public transportation.

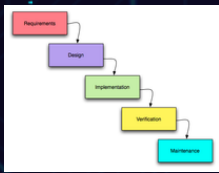
### Specific Objectives 1.0

- Google map integration serves feasibility for appointing the passengers desires
- SOS emergency button, integrating this feature to the mobile application because for the purpose of passenger's safety
- Verify registration requirements of the driver's information.
- Generating Report

### Specific Objectives 2.0

- Functionality
- Reliability
- Usability
- Efficiency
- Maintainability
- Portability
- Overall Performance of Development System

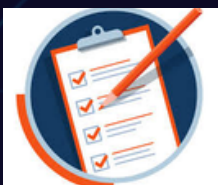
## METHODOLOGY



Waterfall Method



Respondents



Scale Survey

## TARGET BENEFICIARIES



City Hall



Passenger



MotorCab Driver

## RESULTS OF THE STUDY

### End User's Evaluation of System Performance Results

Overall Performance Development System		
Indicator	Weighted Mean	Interpretation
Functionality	4.35	ME
Reliability	4.43	ME
Usability	4.42	ME
Efficiency	4.46	ME
Maintainability	4.44	ME
Portability	4.5	HE
Grand Total	4.43	ME

Table 18 reflects the results that obtained from the respondents. It shows that the first indicator the Functionality gets the weighted mean 4.35 which interpreted as Moderately effective. The second indicator the Reliability gets the weighted mean 4.43 which interpreted as Moderately effective. The third indicator the Usability gets the weighted mean 4.42 which interpreted as Moderately effective. The fourth indicator the efficiency gets the weighted mean 4.46 which interpreted as Moderately effective. The fifth indicator the maintainability gets the weighted mean 4.44 which interpreted as Moderately effective. The sixth indicator the Functionality gets the weighted mean 4.5 which interpreted as Highly effective.

## CONCLUSION



Influencing the urban transportation in Catbalogan city giving the people accessibility to the modern Technology and it is the key to switch people from the traditional way of the transportation cycle.



The goal of this E-hailing Application is adoption is to reduce the cost and give benefits to the users and in addition the app aims for the reducing the waiting journey time, safety, and predictability in terms of tracking.



Smart phones have a big impact in terms of change because this devices has the power to change the present to something convenient in the future but to be more specific smartphones applications for three sitters motor cab's in Catbalogan city this application is what we call the E-hailing, this application can serve convenient to the user's weather passenger or a driver

## RECOMMENDATION



E-Payment feature. With this feature the operation of this project will Run smoothly by applying the payment thorough electronically. .

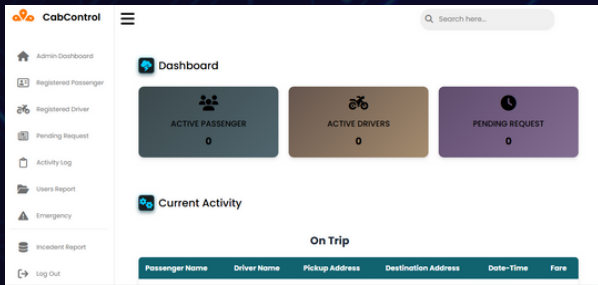


Future Researcher. For the future researcher the researchers recommend that expanding more the scope this study for more coverage of the target e-hailing services.



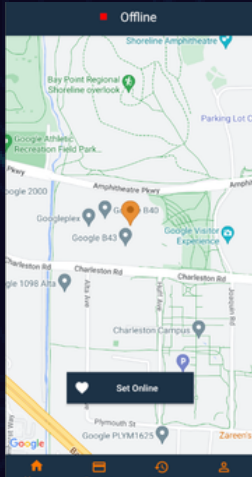
SMS. The researchers recommends this feature to add for better communication between Driver and the Passengers.

## ADMIN INTERFACE



## APPLICATION

### DRIVER INTERFACE



### PASSENGER INTERFACE

