



## **Proposal Agreement**

This Proposal Agreement dated Thursday, December 14<sup>th</sup>, 2017, by and between Asia University (AU), Taiwan; and Universitas Muhammadiyah Yogyakarta (UMY), Indonesia. WHEREAS, AU and UMY for their mutual benefit agree to establish an academic research working relationship.

THEREFORE, under this agreement between both AU and UMY, research proposals entitled :

- 1. Information Technology Disruption in City Transportation in Asia: How should it operate?
- 2. Media Social Use in Local Government of Asian Cities
- 3. Making Policy by Government Using Citizens Social Media Data
- 4. Improving Reproduction Health Education For Intellectual Disabilities Students in Yogyakarta
- 5. How The Physician Payment System in Indonesia, Taiwan, and Malaysia to Improve Hospital Performances and Outcomes
- 6. An electronic medical record for clinical rotation students in teaching hospital : learning on collaborative works in multi discipline environment

1. Information Technology Disruption in City Transportation in Asia: How should it operate?									
No	Name	Sex	Department	Faculty	Email				
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ACCORDINGLY, AU and UMY hereby agree as follows:

- 1. The faculty jointed in the proposal must be a full-time employee in AU or UMY.
- 2. This proposals will be processed by the above faculties from AU and UMY for one year, from January 10, 2018 to January 10, 2019.
- 3. After this proposal has been finished, research results must be published in at least two science citation index (SCI) journals within two years.

- Both AU faculty and UMY faculty must be listed in authors of this published article; and the principal Investigator (PI) and Co-PI must be the first author or corresponding author of published articles.
- 5. Each proposal has an account number for its research funding.
- 6. This account number must be included in Acknowledgement section of this published article.

IN WITNESS WHEREOF, the parties (AU and UMY) have executed this Agreement as of the date first above written.

Asia University

Ву:	(校長?	研發長?	PI or Co-PI)
Signature: Chih-Ja	mg Hu	ang	
Printed Name: V		0	

Universitas Muhammadiyah Yogyakarta

By: Prof. Dr. Ach	mad Nurmandi, M.Sc. (校長?	研發長?	PI or Co-PI)
Signature:			
Printed Name: P	of. Dr. Achmad Nurmandi, M.	Sc.	

## CHAPTER I

## 1.1. Background

Technological advances have accelerated innovation in the field of business with serious implications on free market competition and on governance. The increasing clamor to provide an equal playing field in the free market demands that private businesses should be regulated. Certain business models trigger distress on specific markets, increasing the disparity in income among producers. Hence, technological innovation should be coupled with the necessary government regulation to ensure equal opportunities among service providers in the market.

Mobility is crucial in any society making the transportation industry one of the most indemand markets. Recently, commotion revolved around "Online-Enabled Transportation Service (OETS)" that connects drivers with potential customers who request a ride. The internet-based digital technology application provides services by connecting available registered vehicles with registered customers who request rides. Once a request is accepted, the driver picks up the customers and brings them to their destination. Globally, the service providers which provide this type of application and facilitate this new type of