

# U-CIS, Solution to Quick Invoice Data Collection


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Wiby Aqila Ramadhan, Yogi Agnia Dwi Sapitro, and Tri Gariawan have made Universitas Gadjah Mada (UGM) proud at the national level. The three of them joining the *Monday Morning Lover* team has become the first winner of the *Sampoerna Finance Day* competition. The team from Management study programme proved to be better than 322 contestants from various universities and practitioners during the event lasting from 26 April - 8 May 2018.

A member of the team, Wiby, said in the early stage of competition, the contestants were asked to give solution to manual input invoice case. Furthermore, six ideas made it to go through to the finals. Wiby and friends created an application that can change the results of scanned invoice into text. This innovation brought them to victory up to the point where they presented the idea to the directors of PT. HM Sampoerna Tbk. company.

The app was named as U-CIS (United Centralized Invoicing System). Wiby explained the app could answer to the long process of invoice data collection problem. Basically, U-CIS applies OCR (Optical Character Recognition) system. The work of U-CIS is simple, because all kinds of invoices, such as mails, bills, etc, are scanned manually to be turned into text by the U-CIS. The result of scanning into text has 90% accuracy with error margin at 10%.



“After the invoice has been changed into text, the staff should only validate the result from the app against the original copy so that the whole work is getting simpler,” Wiby said on Friday (11/5).

According to Wiby, the U-CIS app is able to help invoice data collecting for many companies. For example, a company that has average invoices per day of 1,400, it will take seven staff to work for 11 hours in order to collect the data of the invoice into digital text format. This is obviously time and energy consuming. With the U-CIS, it takes just two staff and five hours to do the job.

“This application is time and energy efficient. We hope in the future U-CIS would benefit companies more,” he said.

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