Technological University of the Philippines
COLLEGE OF SCIENCE
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APPROVAL SHEET

This thesis hereto entitled

DEVELOPMENT OF AN ANDROID-BASED QUEING SYSTEM USING QR CODE

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ABSTRACT

The study developed an Android-based Queuing System Using QR Code named "Genqu3". Its features include the following: (1) allows companies to post configurable initial setup of transactions; (2) generates QR code for customer's queue; (3) provides real-time transaction; and (4) provides notification for customers. It was developed using Android Studio 3.1, MySQL, PHP, CodeIgniter 3, and Bootstrap 3. In order to determine the acceptability of the program, the system was evaluated by 50 respondents composed of selected students in Technological University of the Philippines – Manila and 10 IT professionals. The system was evaluated according to the ISO 25010 criteria, under which 67.31% of the overall respondents rated the system as "Highly Acceptable".

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- E. Evangelista, C.A. Lelis, K. Teves

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