



Quick Response (QR) Code Generator and Class Attendance System

USER MANUAL

About this User Manual

This guide will guide you on how to use the QR Code Generator and Class Attendance System from signing up, signing in, importing class list, scanning and exporting the generated attendance record.

The Developers

QR Code Generator and Class Attendance System is developed by Hanzyl Vission T. Gatdula, Kurt Jalen M. Jonson, and John Emmanuel C. Pacomio from Bachelor of Science in Computer Engineering 2-2, Cavite State University - Main Campus.

Story Behind the Application

The original plan of the developers was to develop an attendance system using Radio Frequency Identification (RFID). But due to the lack of funding and materials, the team revised their plan to a simpler and cheaper way. Barcode scanner and QR Code scanner were the two choices and since the barcode is often used for goods and other material things, the developers decided to develop an application that can record the attendance of the class by scanning a QR Code.

TABLE OF CONTENTS

Introduction to QR Attendance

01

Creating an Account

01

Signing In

02

Forgot Password

02

Generate QR Code

03

Adding a Class

04

Importing Class List

04

Scanning of QR Codes

05

Exporting the Attendance Sheet

06

About the App

07

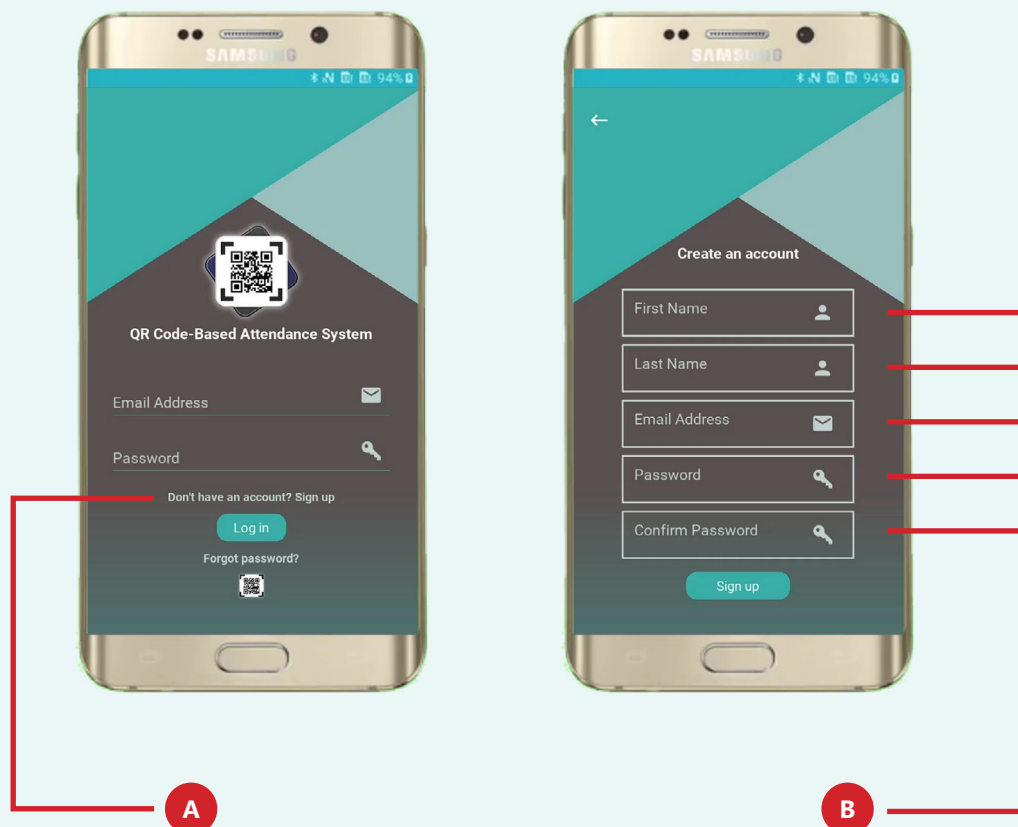
Help

07

Introduction to QR Attendance

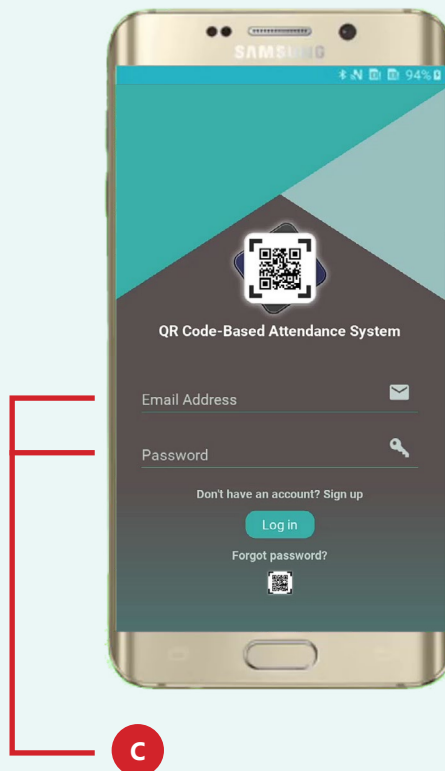
QR Code Generator and Class Attendance System is a mobile application for android phones. Through it, university instructors will have an organized and computerized attendance record, wherein the student's full name becomes the basis to create a QR code. Once the generated QR Code gets scanned under the application, the student will be put into a list under the date of scan. The application can export an excel file containing the attendance record for the day.

Creating an Account



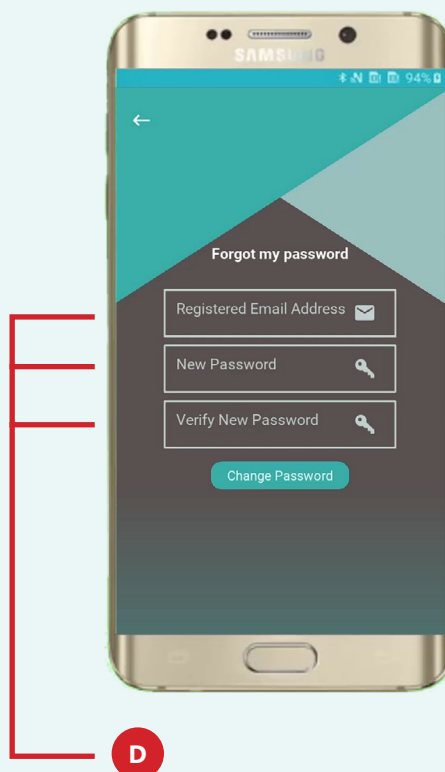
(A) Press this portion to go to register/sign up screen. In the sign up portion (B), simply enter your first name, last name, email address, password, and confirmation of password.

Signing In



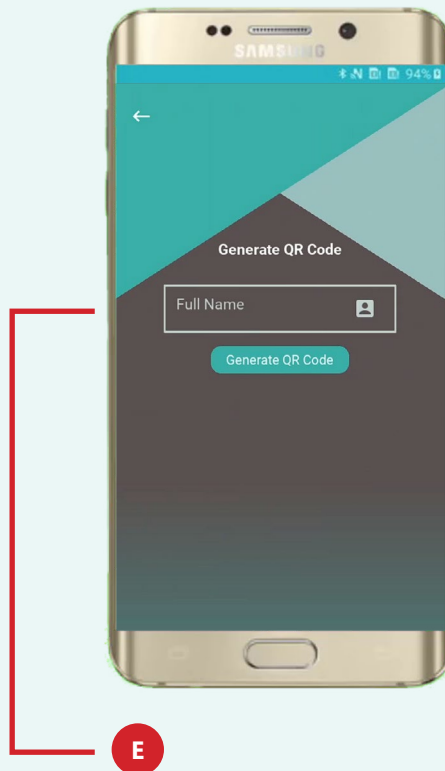
To log in, simply input in (C) the registered email address and password.

Forgot Password



In case you forgot your password, you can reset it by entering in (D) your registered email address, new password, and verification of new password.

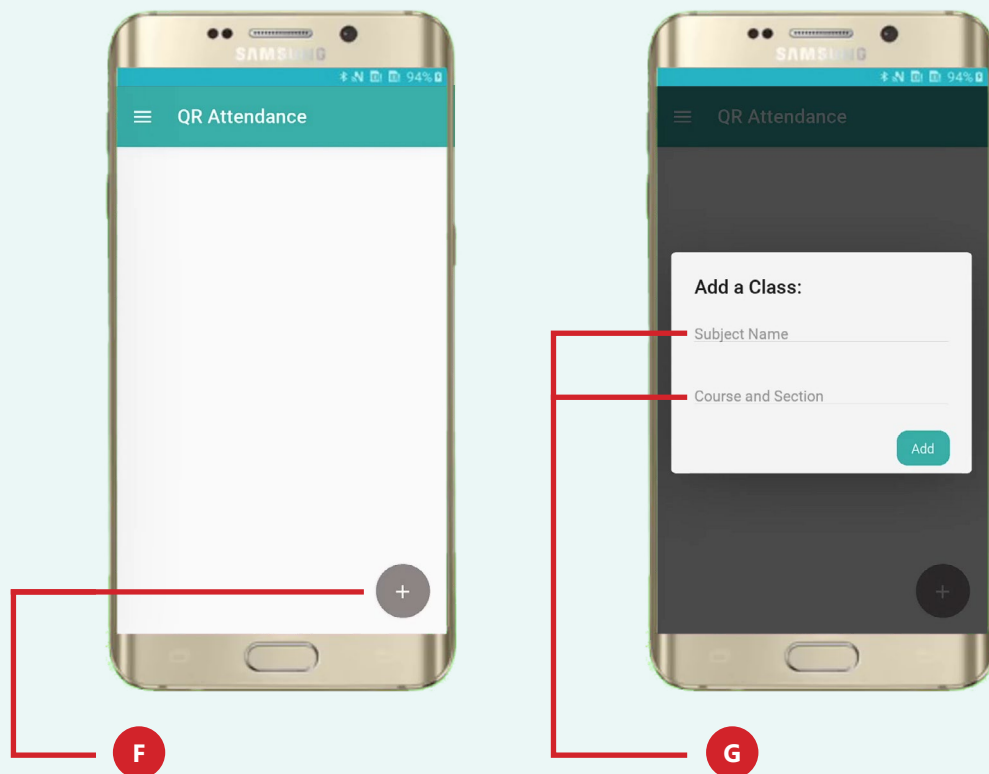
Generate QR Code



To generate a QR Code, simply click the QR Code logo in the bottom part of the login page. You will be directed to a new window, wherein you need to input the student's full name (E). Hit 'Generate QR Code' to save the QR code on your phone.

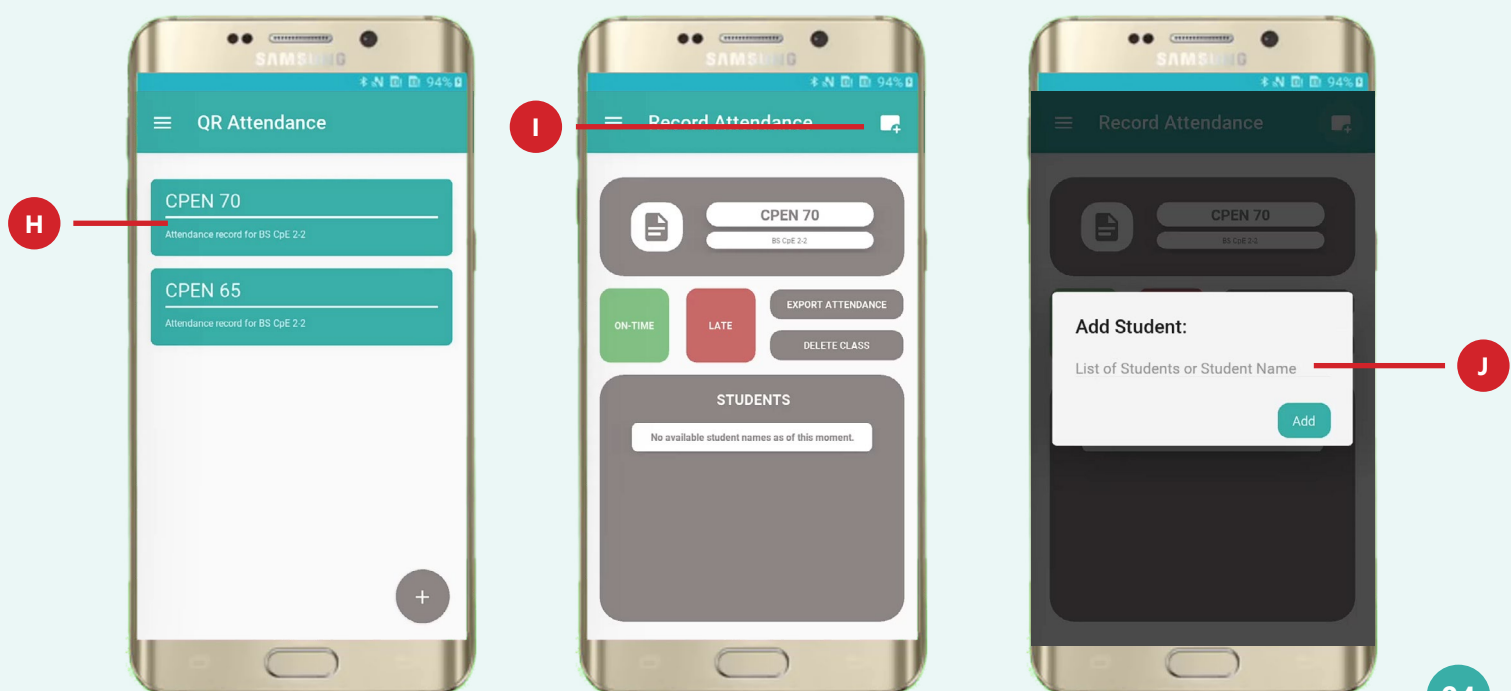


Adding a Class



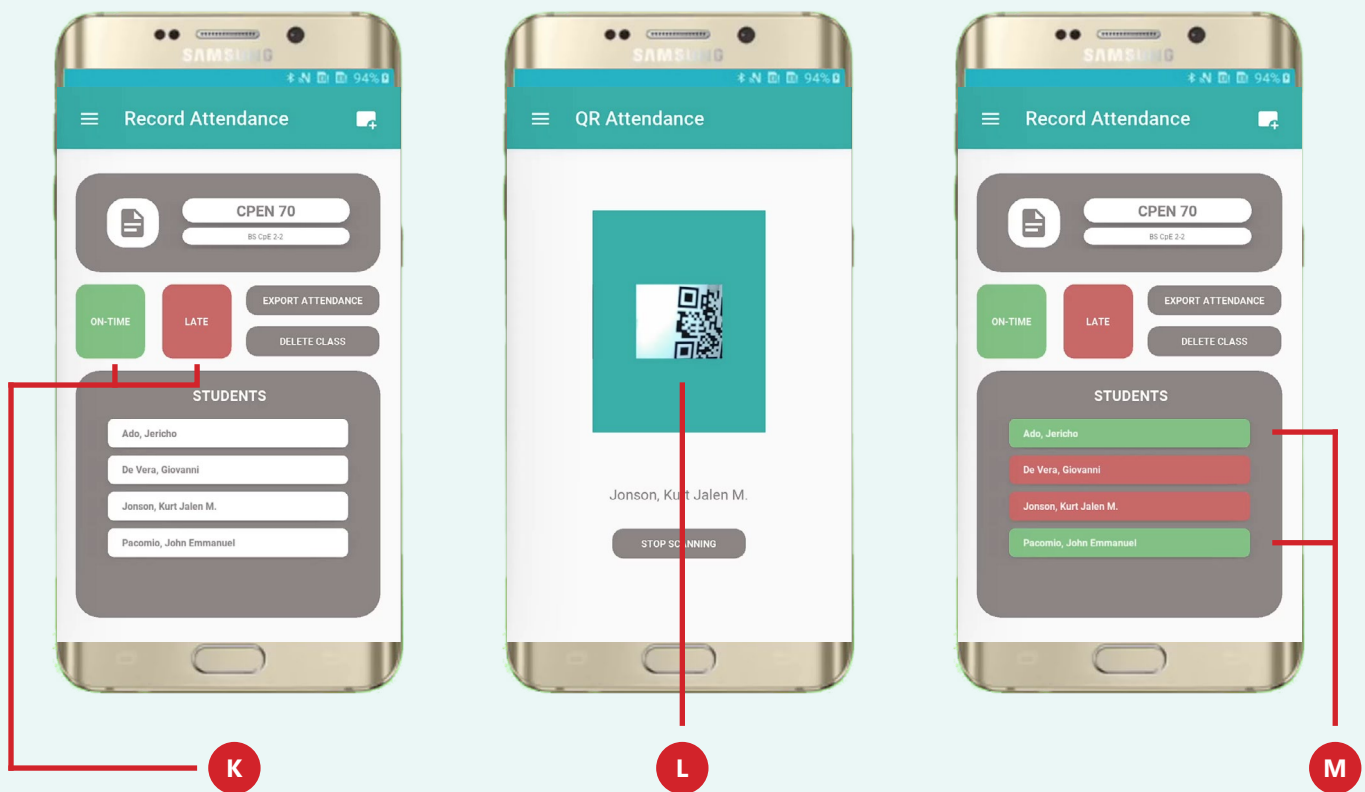
To add a class, simply select the plus icon (F) in the bottom part of the home screen. After clicking, a dialog box will show containing text fields (G) for subject name and course and section.

Importing Class List



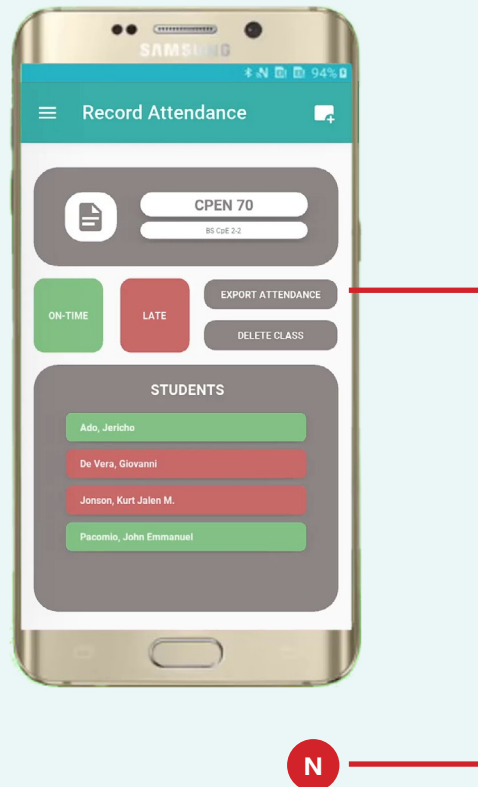
To start importing your class list, first select a class card (H). You will be redirected to another screen. Click the add icon (I) to add your class list of students. A dialog box will pop up after you clicked the button. In the Add Student box, you can import multiple names in (J) by entering the names separated by "/". Example: Dela Cruz, Juan/De Vega, Joy. You can also import a single name.

Scanning of QR Codes



To start scanning QR codes, simply click the on-time or late button (K). You will be redirected to the scanning screen. Align the QR code with the camera (L) to scan properly. After a successful scanning, names will be updated based on their attendance, green if on-time, red if late, and white if absent.

Exporting the Attendance Sheet

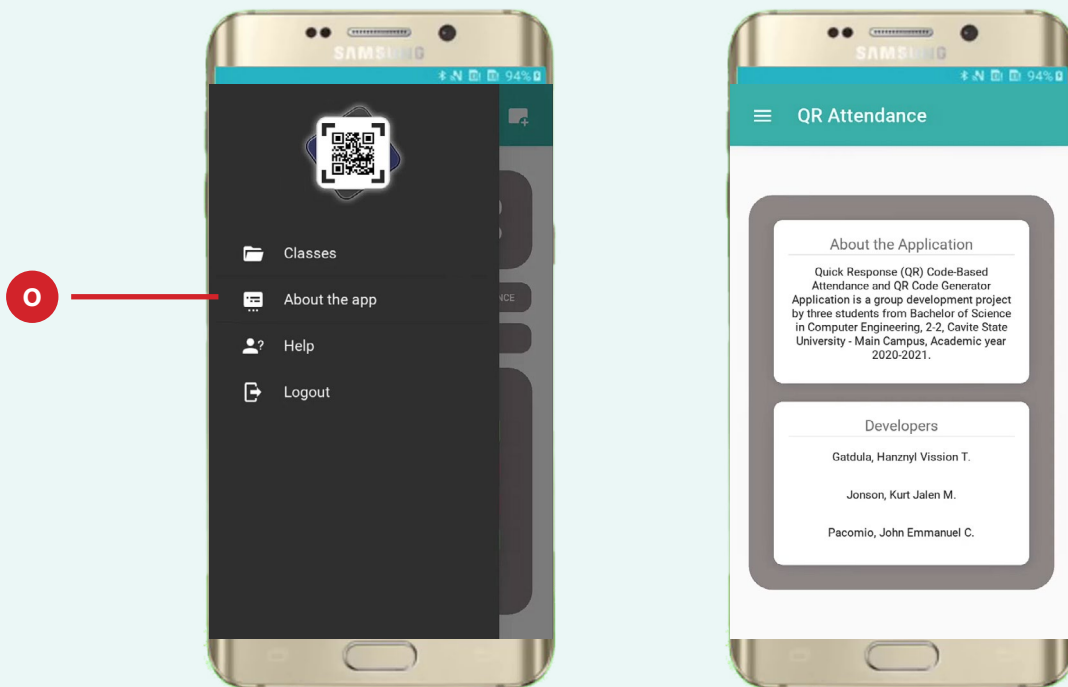


CPEN 70 - BS CpE 2-2 - 2021-06-11 - Excel

Student Name	Section	Status
Ado, Jericho	BS CpE 2-2	Present
De Vera, Giovanni	BS CpE 2-2	Late
Jonson, Kurt Jalen M.	BS CpE 2-2	Late
Pacomio, John Emmanuel	BS CpE 2-2	Present

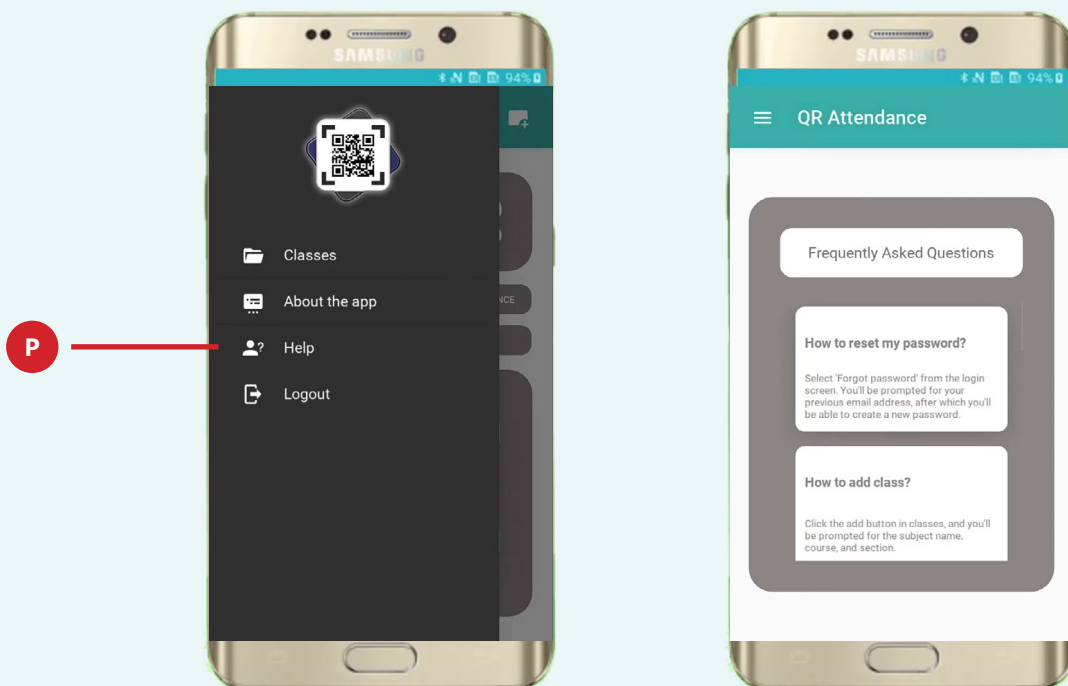
To export the attendance record to an excel file, simply click the export attendance button (N). The filename of the generated excel file will be the Class Name + Course and Section + Date of Export. The file contains the names of the student, their section, and their status whether they are present, late, or absent. They will be saved on your phone.

About the App



To view the about section of the application, simply click the About the app (O) in the side panel.

Help



To view the help section of the application, simply click the Help (P) in the side panel. It contains the FAQ of the app.