ACX | DESIGN INNOVATIONS

SHUTTLE BUS SYSTEM

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About Shuttle Bus System

- The system divided into two parts: Backend web portal for back office and Shuttle Bus app for drivers
- Simple set up, i.e. an Android smartphone equipped with NFC function. Any card that supports NFC can be read in the driver's phone
- Driver can easily verify a passenger's valid access rights and the number of remaining seats via the app
- The app will instantly transmit records to the server, which allows the back office to track two types of records in the web portal
 - Passenger records: details about the buses the staff boarded, along with the specific time and date
 - Driving records: details about the buses the drivers drive, along with their routes, time, and date
- Time and attendance records of the drivers can be reviewed in the back office

Operation Flow

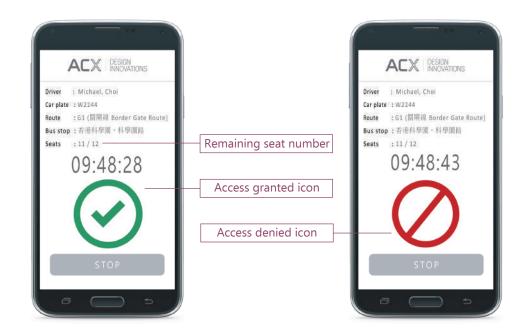
Step 1: Register for the mobile devices and active devices in the backend web portal.

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- Step 2 : Driver presses the "Update" button to download information from the server to the mobile device.
- Step 3 : Before leaving, the driver must select his name, route, and car plate number & capacity of the bus from the drop down list.



Step 4 : When a staff / cardholder swipes his card on the mobile, the icon of access granted or denied will be shown to notify the driver whether this passenger is a valid staff.



Step 5 : Once the driver arrives at the terminal and finishes his route, he must press the "Stop" button. The record will be uploaded to the server.

