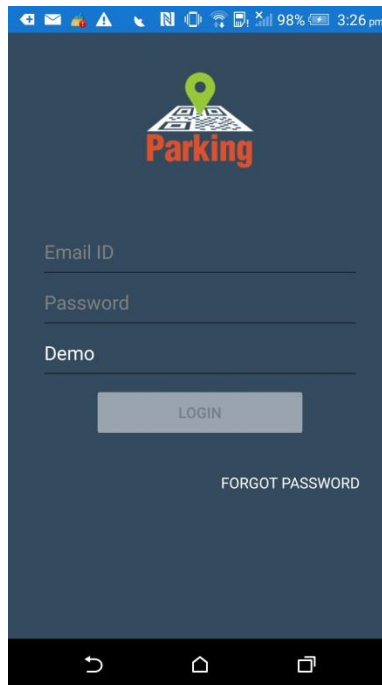


# PREPAID PARKING ANDROID APP MANUAL

## Login

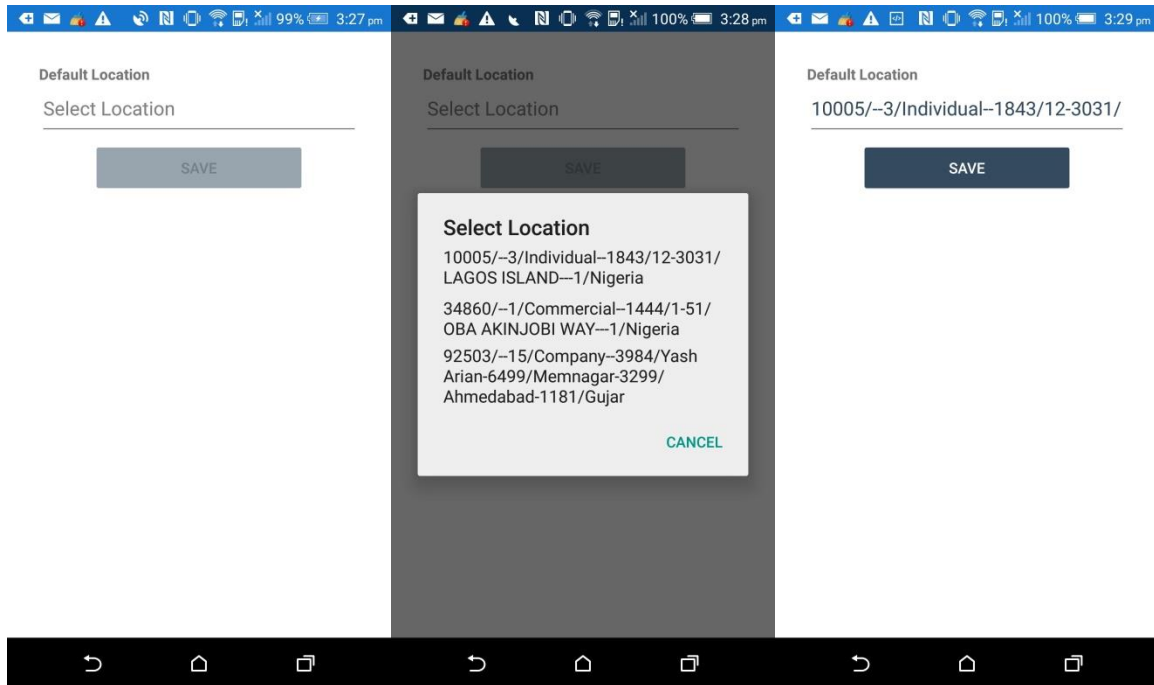


A login screen will be displayed on starting the app.

Here user needs to enter

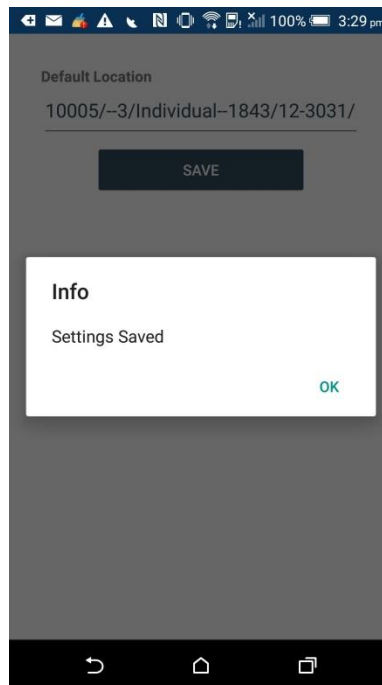
- ✓ Email ID
- ✓ Password
- ✓ Client (Demo/Parking)

## Set Location



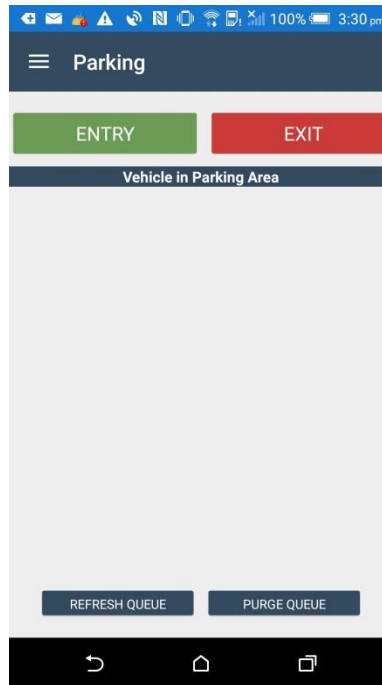
After login the first User needs to do is set the location. This is the parking location where user is going to do Entry/Exit of the vehicle.

Note: Parking location for a user can be added from admin panel web.



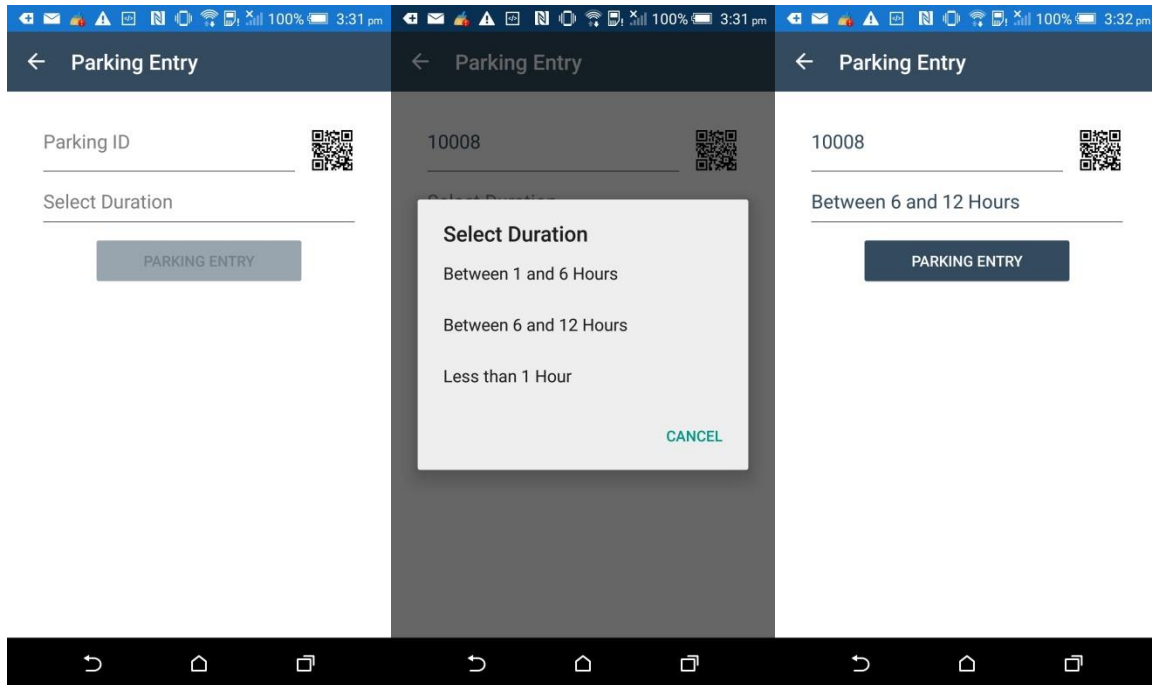
Clicking on “Save” button will save the location information which will be used throughout the app.

## Dashboard

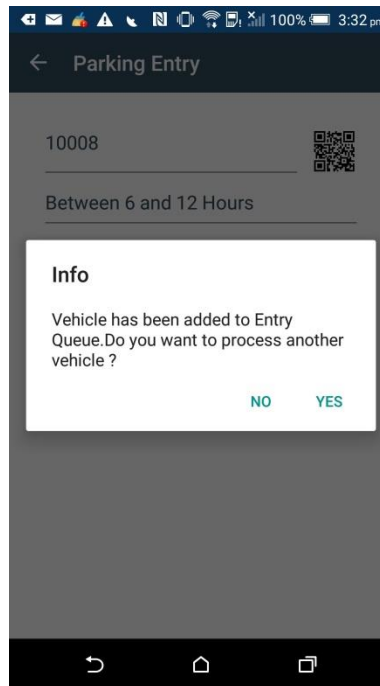


- After setting the location user will be redirect to the “Dashboard”.
- Dashboard contains 4 buttons
  - Entry
  - Exit
  - Refresh Queue
  - Exit

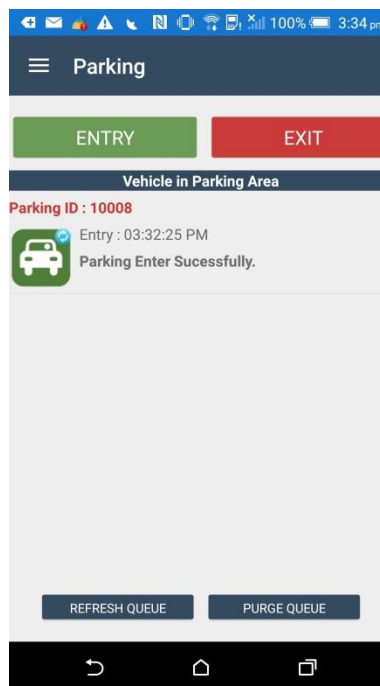
## Parking Entry



- The user will be redirect to “Parking Entry” page By clicking on “Entry” on dashboard.
- On “Parking Entry” page user needs to enter
  - Parking ID
  - Duration (This is the time vehicle is going to be there in parking area)
- Durations are as follow
  - Between 1 and 6 Hours
  - Between 6 and 12 Hours
  - Less than 1 Hour



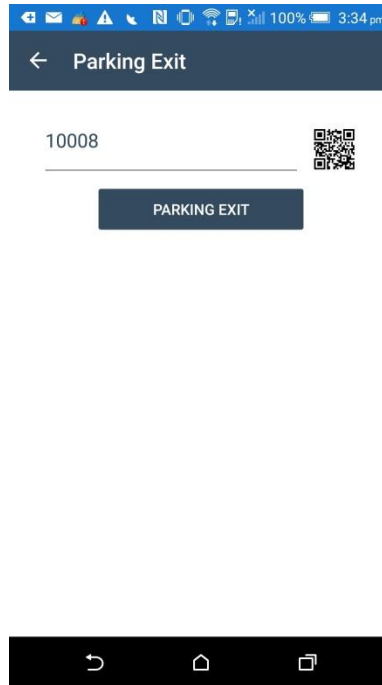
- After clicking on "Parking Entry", user will be asked whether He/She wants to enter another vehicle as well.
- If user selects "Yes", User will be allowed to enter another Parking ID and Duration and user can process multiple Parking IDs at a time.
- If use selects "No", Then the selected Parking ID will be processed and an Entry will be done in the parking.



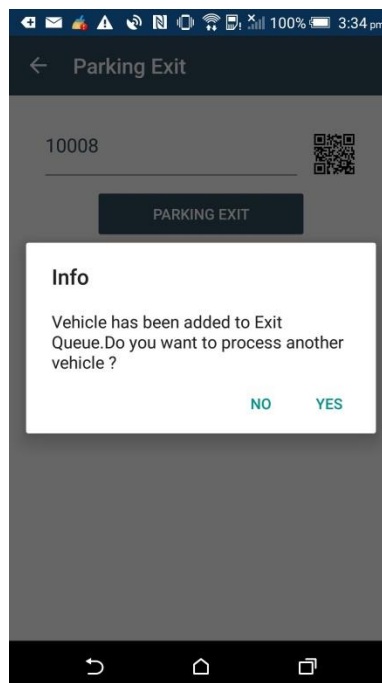
- Dashboard shows the Entry which are done for the selected location.
- A parking entry consists of
  - Parking ID

- Entry Time
- Entry Status (eg: Parking Enter Successfully)

## Parking Exit

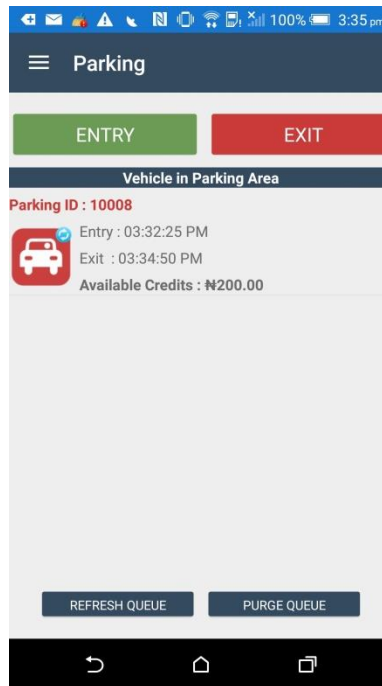


- Clicking on “Exit” in Dashboard, User will be redirected to the Exit page where User needs to enter
  - Parking ID

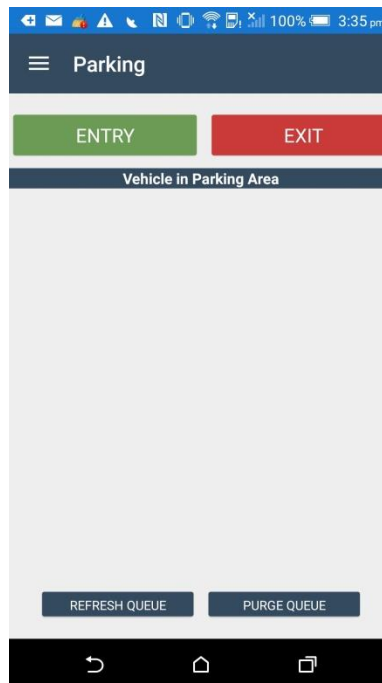


- After clicking on “Parking Exit”, User will be asked to process another vehicle.
- If “Yes” then the user can enter another Parking ID and multiple parking id’s can be processed at a time.
- If “No” then the entered Parking ID will get Exit from the parking.



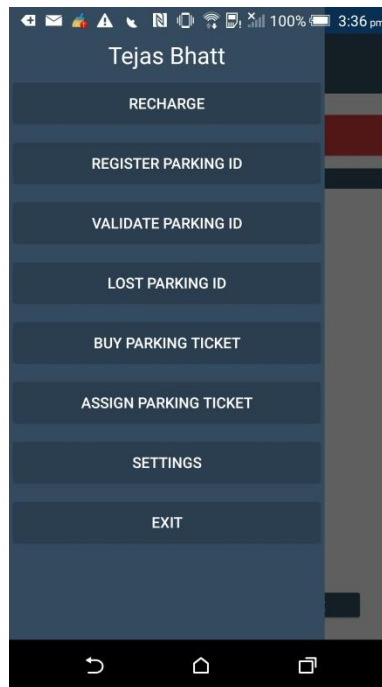


- As shown above the Entry/ of Parking Id “10008” has be Exit.
- The Exit Id contains
  - Parking ID
  - Entry Time
  - Exit Time
  - Available Credits (This is the remaining ticket balance which has got reduced based on parking duration)



- Clicking on “PURGE QUEUE” will flush away the Entries in parking area which are Exited from the area but it will keep the vehicle details which are entered but not exit from the parking area.

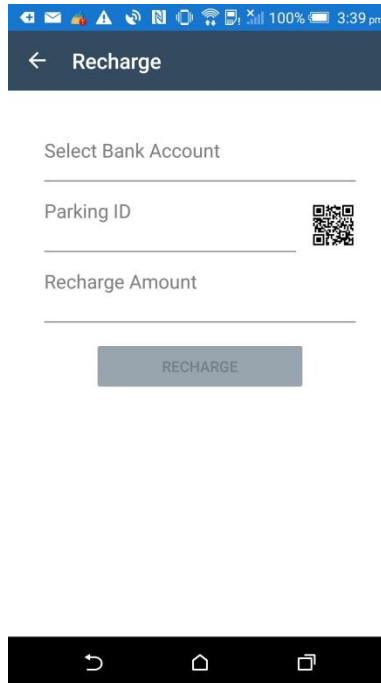
## Menu



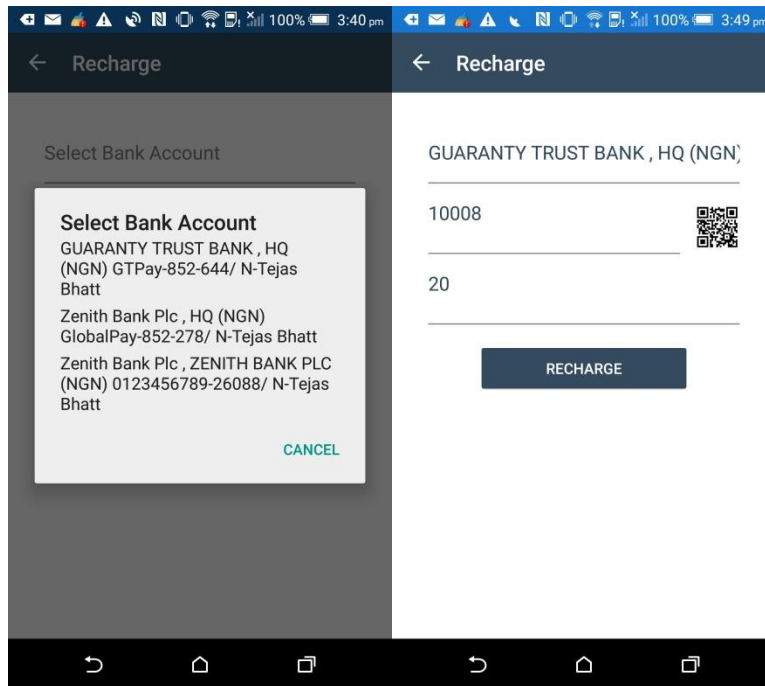
- Clicking on left side top will open up a menu which contains other functionalities of prepaid parking app.

## Recharge

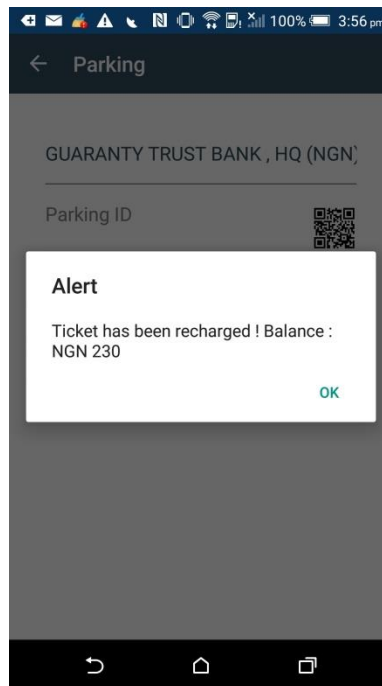
- The recharge menu helps user to recharge the ticket or add balance to a parking id.



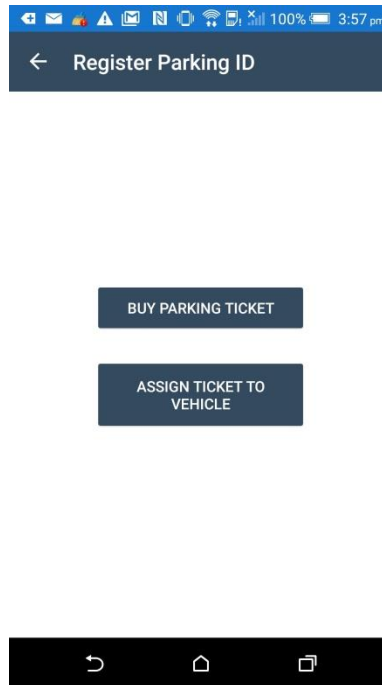
- User needs to enter
  - Bank Account
  - Parking ID
  - Recharge Amount
- By clicking on “Select Bank Account” will pop up a list of customer accounts for the logged in user.



- After clicking on “Recharge”, the app recharges the Ticket ID (eg: 10008) with the recharge amount (e.g. 20 NGN) and shows the message with contains the updated balance of the parking ticket as below.



## Register Parking ID



- This menu has 2 links.
- One link redirects the user to “Buy Parking Ticket” page.
- Another link redirects the user to “Assign Ticket to Vehicle” page.

## Validate Parking ID

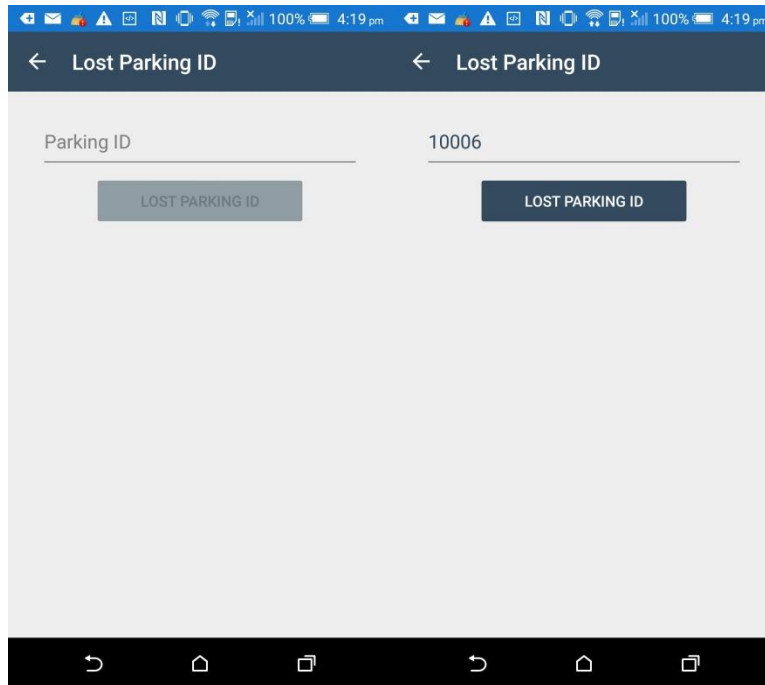
The image displays two side-by-side screenshots of the 'Validate Parking ID' app interface. Both screens have a dark blue header with a back arrow and the title 'Validate Parking ID'. The left screen shows the input fields for 'Parking ID' and 'Vehicle Plate Number' with a 'VALIDATE' button. The right screen shows the same fields filled with '10008' and '1221' respectively, with a 'VALIDATE' button. The status bar at the top shows 100% battery and the time 3:58 pm on the left and 4:00 pm on the right.

- Validating a Parking ID means to check whether a particular parking Id is assigned to a particular vehicle plate number or not.
- User needs to enter
  - Parking ID
  - Vehicle Plate Number the parking id is assigned to

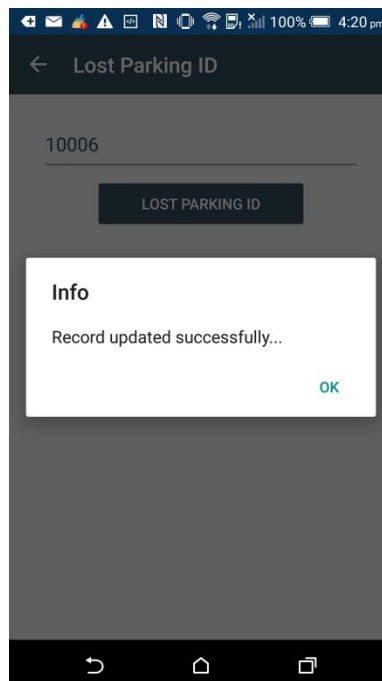
The image displays two side-by-side screenshots of the 'Validate Parking ID' app interface showing the results of the validation. Both screens have a dark blue header with a back arrow and the title 'Validate Parking ID'. The left screen shows the input fields filled with '10008' and '1221', and a message box that says 'Invalid Parking ticket.' with an 'OK' button. The right screen shows the input fields filled with '10008' and '666666', and a message box that says 'Valid Parking ticket.' with an 'OK' button. The status bar at the top shows 100% battery and the time 4:01 pm on both screens.

- If the parking Id is not assigned to the provided vehicle plate number then the message will be displayed as “Invalid parking ticket”
- If the parking Id is assigned to the provided vehicle plate number then the message will be displayed as “valid parking ticket”

## Lost parking ID

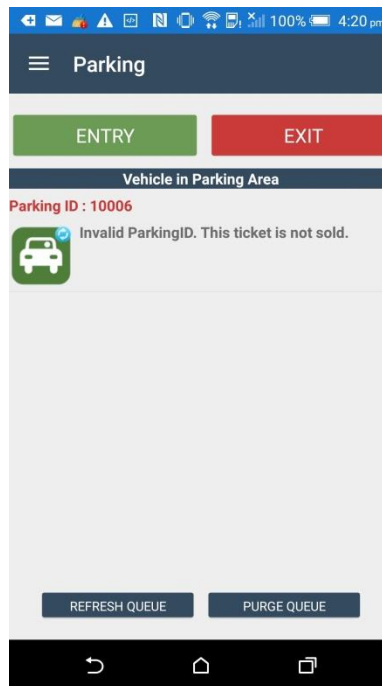


- “Lost Parking ID” menu is used to deactivate the ticket if it has been missing so that anonymous person cannot use it.
- User needs to enter
  - Parking ID
- By clicking on “Lost Parking ID”, the provided parking id will be deactivated as below.





- Prepaid parking app shows “Invalid Parking ID” after a parking id is deactivated and if any person tries to use it in prepaid parking. So basically it cannot be used anymore.



## Buy Parking Ticket

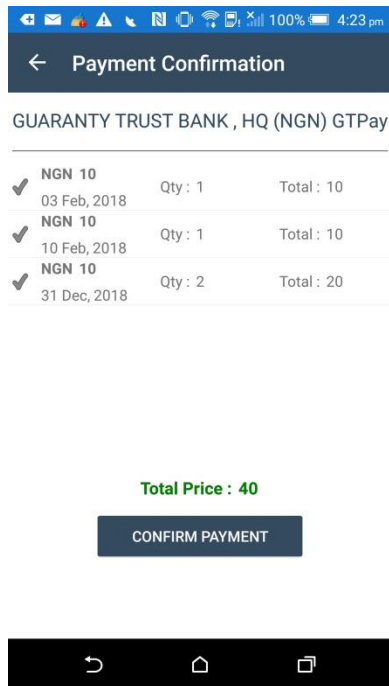
The screenshot displays two screens from the Prepaid Parking Android App. The top screen, titled 'Buy Parking Ticket', shows a list of ticket types and their availability. The bottom screen, titled 'Payment Confirmation', shows the selected tickets and the total price.

Ticket Type	Quantity	Price	Total
NGN 10	1	10	10
NGN 10	1	10	10
NGN 10	2	10	20
NGN 1000	0	1000	0

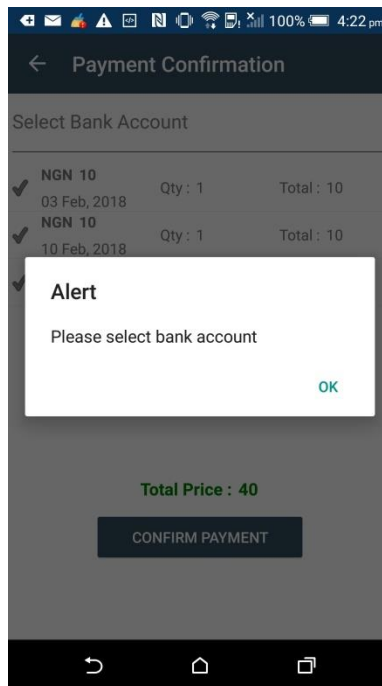
**Total Price : 40**

Buttons: PAY ONLINE, CONFIRM PAYMENT

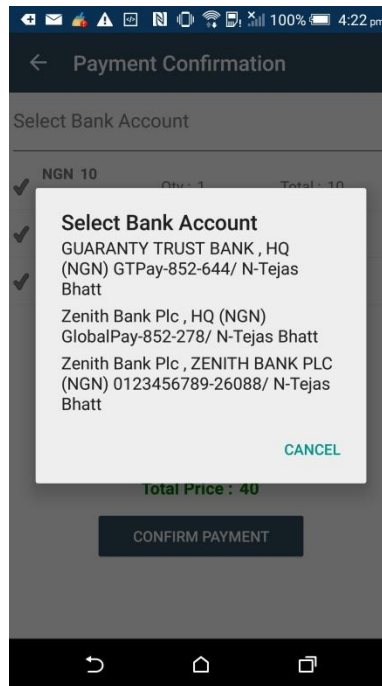
- Using “Buy Parking Ticket” menu, a user can buy any tickets using the app.
  - User needs to select number of tickets for generated tickets.
- Note: Tickets can be generated by admin only**
- After clicking on “Pay Online”, user will be redirected to the “Confirmation” Page.
  - On confirmation page user needs to select his/her bank account.
  - The Confirmation page also contains the tickets type and number of tickets selected for each type and to total price which user needs to pay.



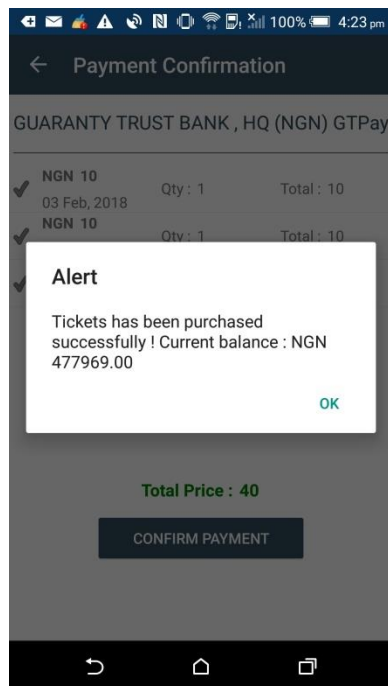
- If User clicks on “Confirm payment” without selecting “Bank Account” then a message shows “Please select a bank account”.



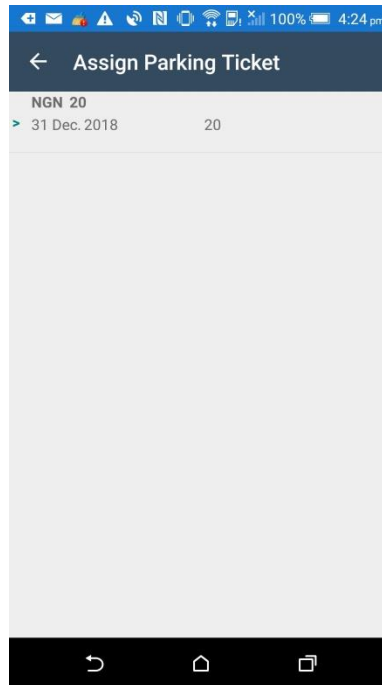
- Clicking on “Select bank Account” will popup list of bank account linked with logged in user.



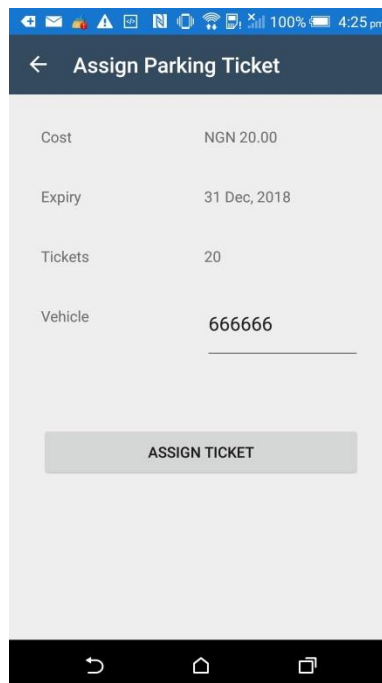
- On successful transaction a message will be displayed which contains the remaining balance of the user in system as below.



## Assign Parking Ticket

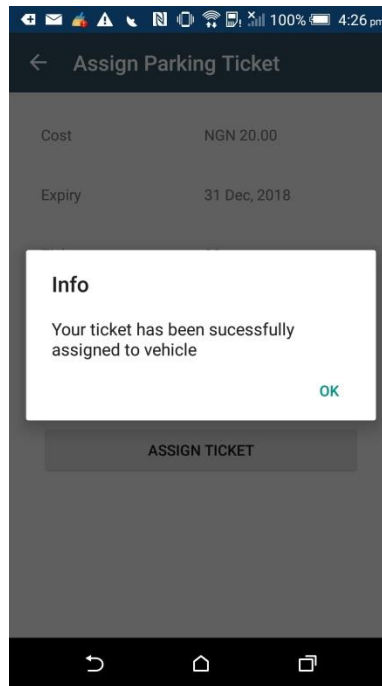


- “Assign Parking Ticket” menu is used to assign a ticket to a particular plate number of a vehicle.
- This page contains number of tickets available with the user.
- Clicking on a ticket will redirect the user to a page where user can assign that ticket to a vehicle.

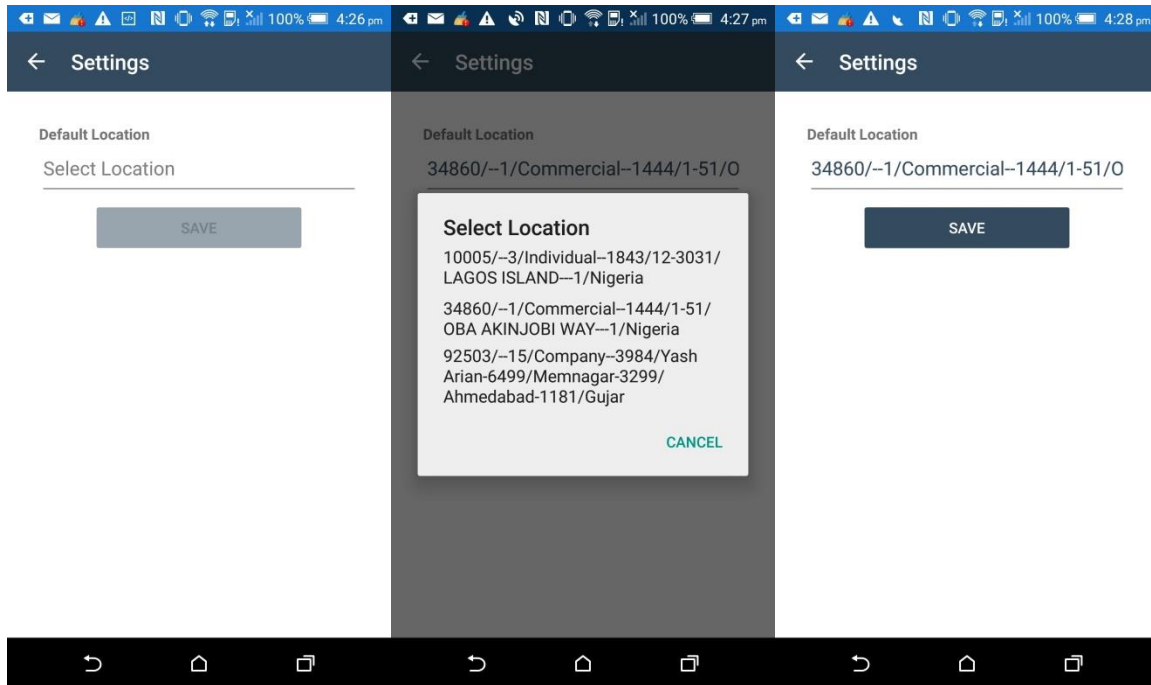


- Below details of selected ticket will be displayed on the screen
  - Cost (Cost of the ticket)

- Expiry (End date of the ticket => Ticket cannot be used after this date)
- Tickets (Total available tickets of this type)
- User needs to enter
  - Vehicle plate number (This is the vehicle plate number user wants to assign the selected ticket)
- Clicking on “Assign Ticket” will show below message on success.



## Settings



- Using “Setting” menu, user can change the current parking location.
- Clicking on “Select Location” will display a list of location the user is attendant.
- User can select any location he/she wants to use throughout the app.
- By clicking on “Save” will set that location as default and shows below message.

