Prototype of Pasakay: An Online Land Vehicle Pooling and Rental Services with GPS Technology

WEB VERSION

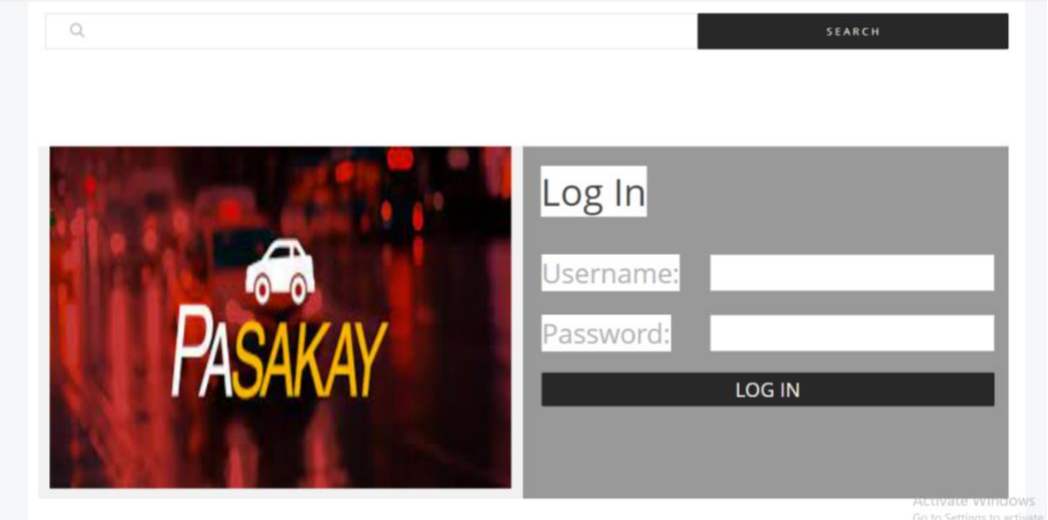


Figure 1. Admin Page Main Interface

Figure 1. shows the main interface of the admin page. The administrator can access the system and to maintain and record the up-keep data's, reports, transactions, histories for them to be able to handle the operation safely an secure.

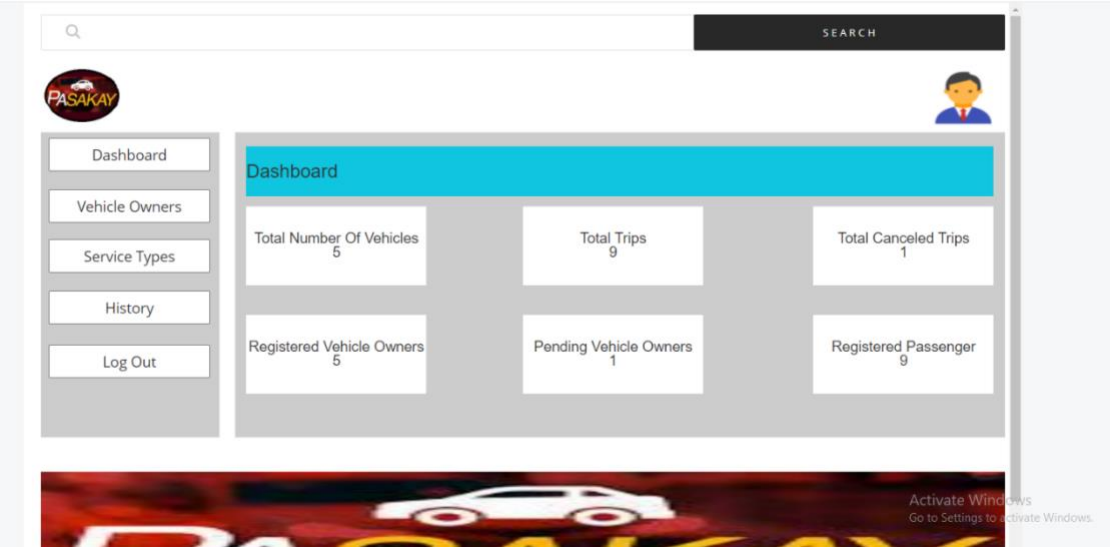
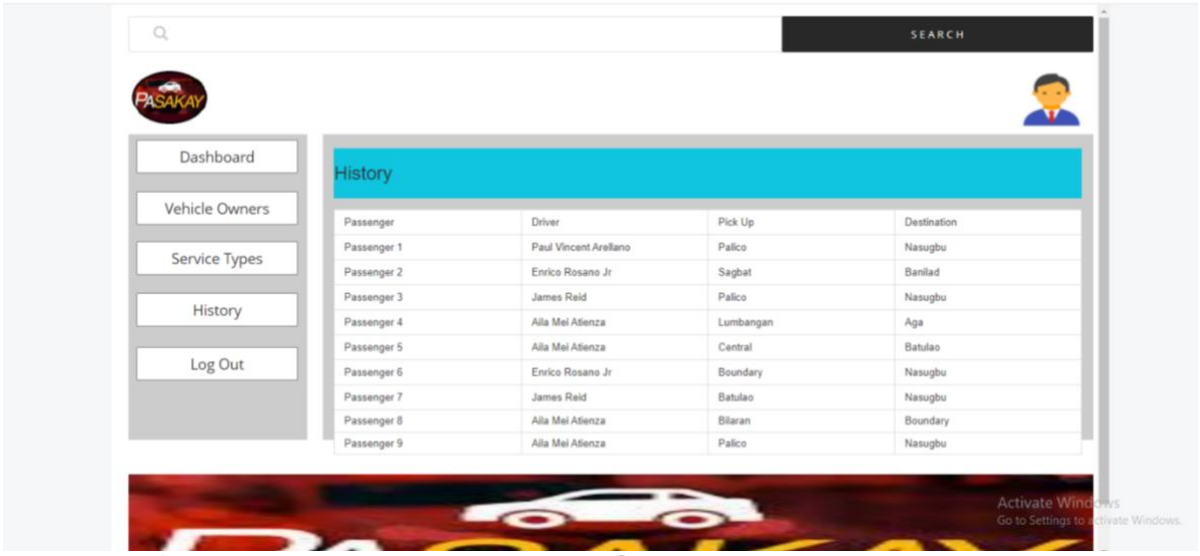
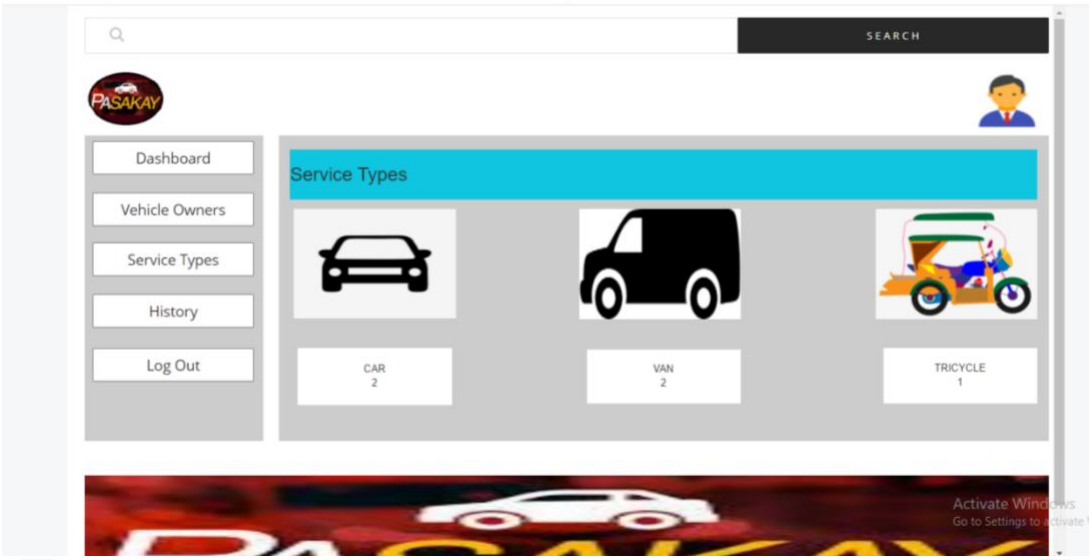
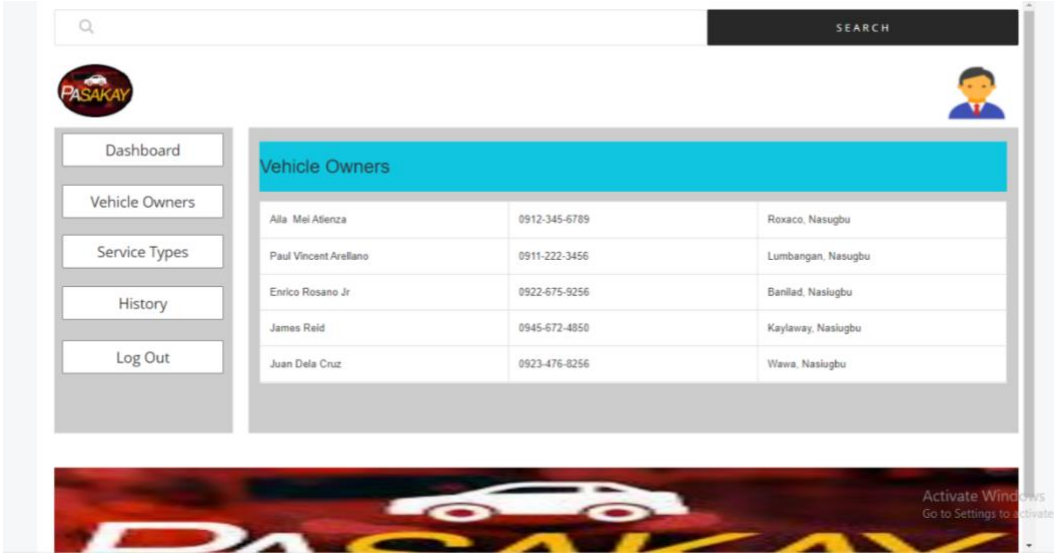


Figure 2. Dashboard

The figure displays system dashboard that includes, total number of vehicles, total trips, and total of cancellation, registered passengers, registered drivers and pending owners. It also contains Vehicle owners profile, services types, and history as well as the log out button. History contains the passenger and drivers history, services types includes the services offer by each vehicle type and the list of the vehicle owners.


SEARCH
PASAKAY
Dashboard
Vehicle Owners
Service Types
History
Log Out
History
Passenger | Driver | Pick Up | Destination
Passenger 1 | Paul Vincent Arellano | Palico | Nasugbu
Passenger 2 | Enrico Rosano Jr | Sagbat | Banilad
Passenger 3 | James Reid | Palico | Nasugbu
Passenger 4 | Alla Mei Atienza | Lumbangan | Aga
Passenger 5 | Alla Mei Atienza | Central | Batulao
Passenger 6 | Enrico Rosano Jr | Boundary | Nasugbu
Passenger 7 | James Reid | Batulao | Nasugbu
Passenger 8 | Alla Mei Atienza | Bilaran | Boundary
Passenger 9 | Alla Mei Atienza | Palico | Nasugbu
Activate Windows
Go to Settings to activate Windows.


SEARCH
PASAKAY
Dashboard
Vehicle Owners
Service Types
History
Log Out
Service Types
CAR
2
VAN
2
TRICYCLE
1
Activate Windows


SEARCH
PASAKAY
Dashboard
Vehicle Owners
Service Types
History
Log Out
Vehicle Owners
Alla Mei Atienza | 0912-345-6789 | Roxaco, Nasugbu
Paul Vincent Arellano | 0911-222-3456 | Lumbangan, Nasugbu
Enrico Rosano Jr | 0922-675-9256 | Banilad, Nasiugbu
James Reid | 0945-672-4850 | Kaylaway, Nasiugbu
Juan Dela Cruz | 0923-476-8256 | Wawa, Nasiugbu
Activate Windows

MOBILE APPLICATION

Figure 3. User Page (Mobile)

Figure 3. Displays the main interface of the user page in an application, this is where the registration process and validation takes place. The user can reserve bookings and rental services, while the vehicle owner can receive updates or notification by operator and passenger.

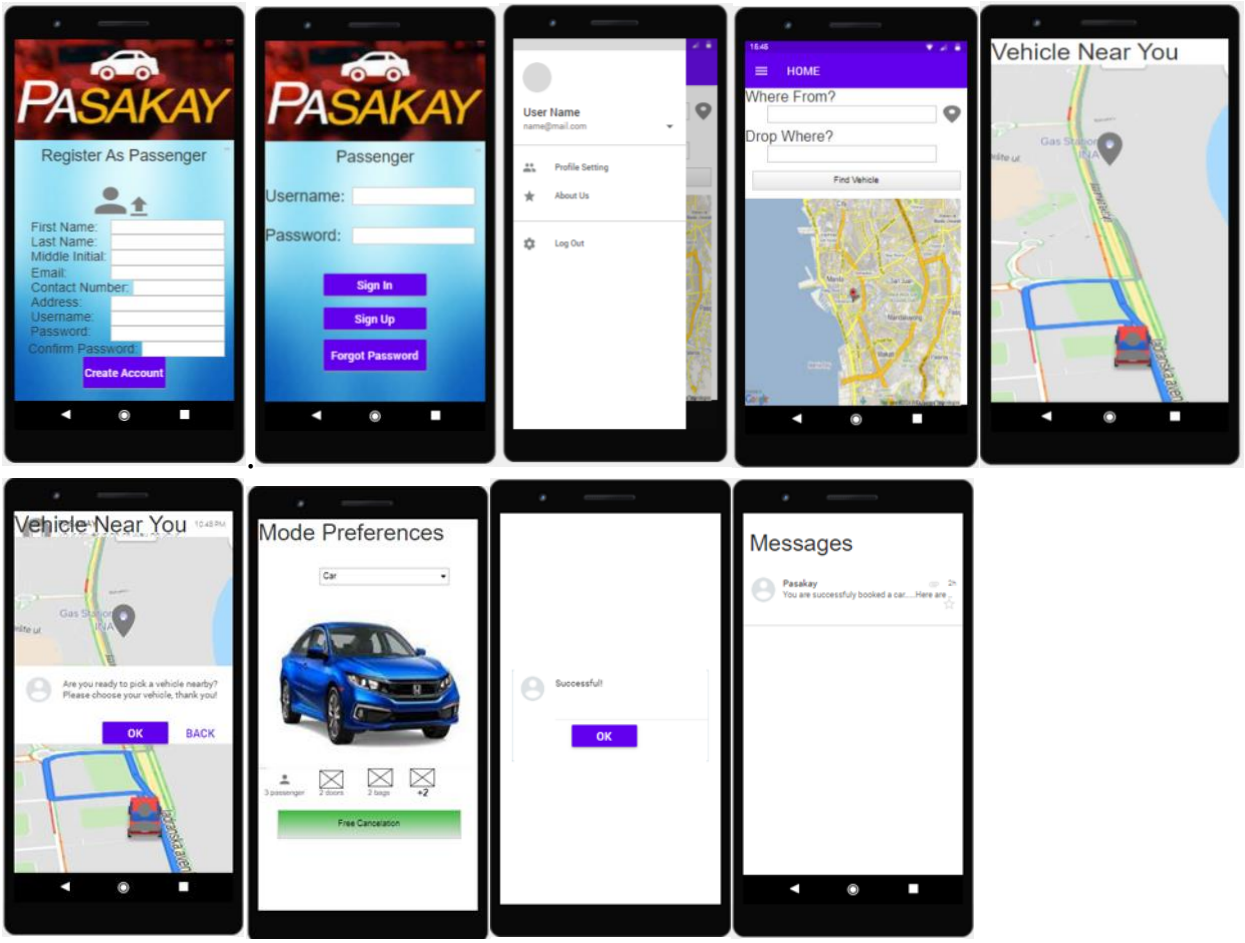


Figure 4. Booking Procedure

The figure shows the process for reservation of vehicles and the rental services to offer. Users who interact with the application should fill the forms for the validation process. Account profiles will be displayed; modules for location are also provided such as the location of the traveler and where to drop. It includes a google map for mapping locations to find the available vehicles to reserve. The application will tell the passengers the searched nearby available vehicles and drivers. Mode preferences are also included containing all types of vehicles is available in the area such as car van etc., after the booking procedure, the dialog box will appear notifying the person that the reservation is successful. Lastly, text messages will be received by the passenger for important details needed for the reservation.

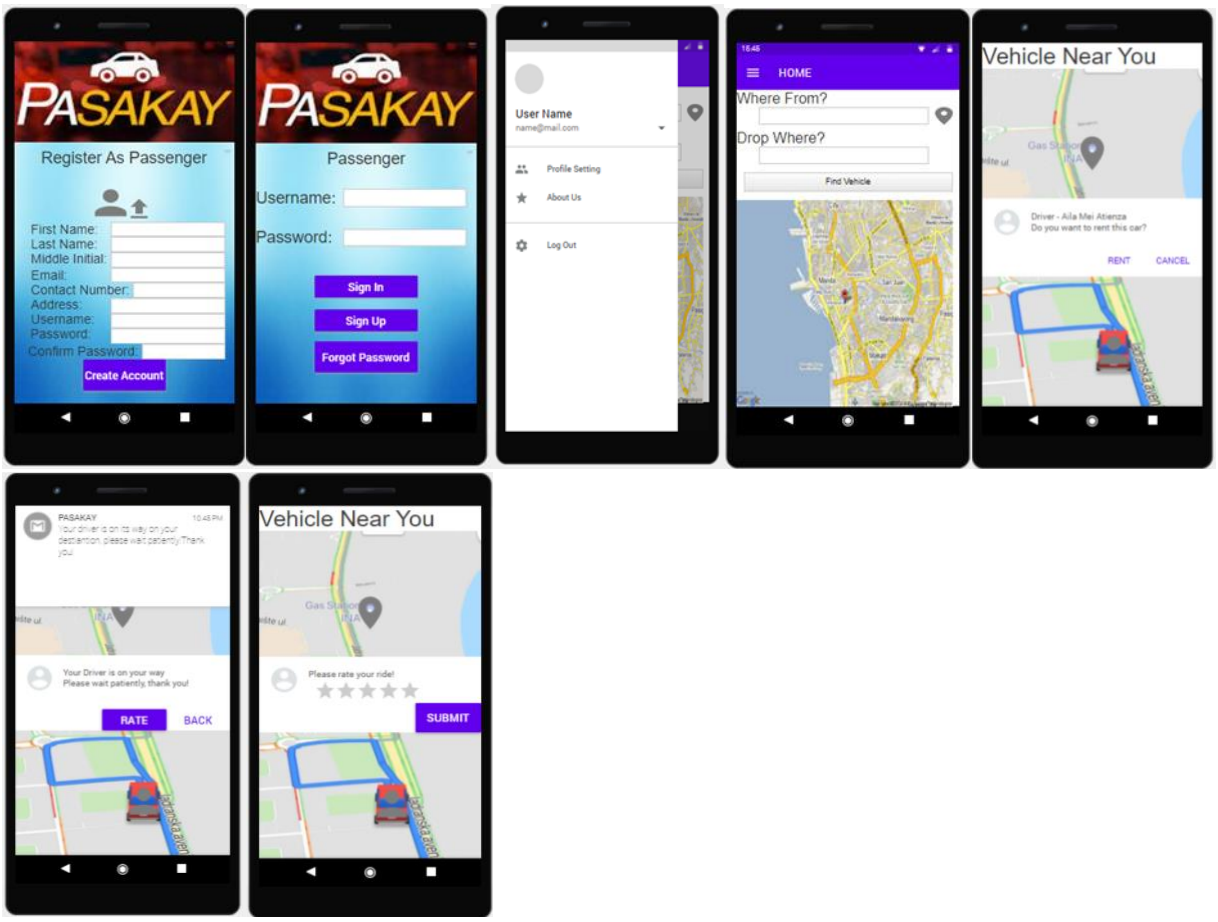


Figure 5. Rental Services Page

Figure 5. explains the rental procedure of the mobile application aside from bookings, PASAKAY: An Online Land Vehicle Pooling and Rental Services with GPS Technology also include the renting procedure for rental purposes. In this application, the integration of GPS helps the commuters to locate nearby vehicles. In this modules, the passenger will be asked if renting is his/her choice for the travel. It also contains the rating procedure where the passengers will be able to assess the driver's behavior along with the destination.

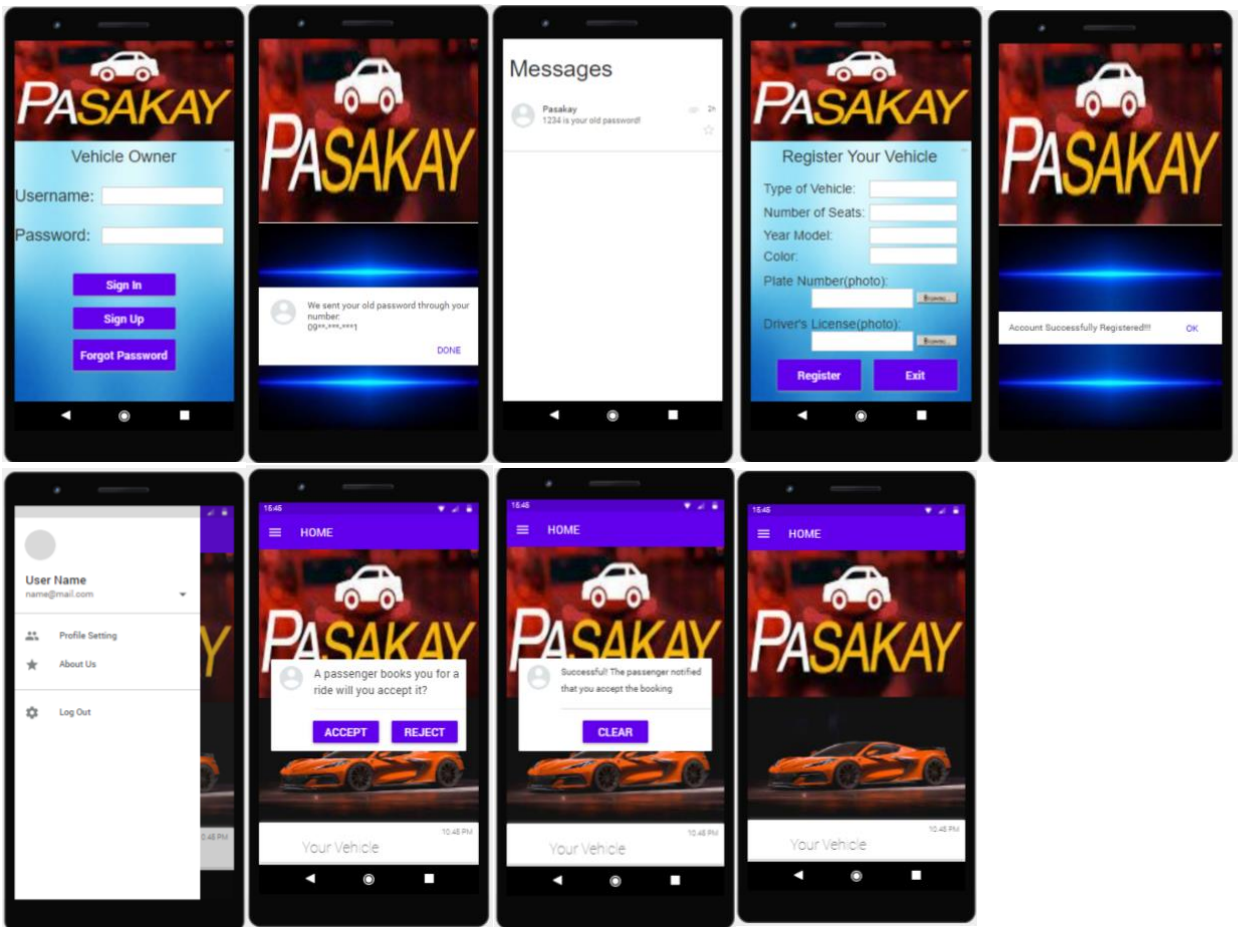


Figure 6. Vehicle Owner or Driver Page

The figure shows the vehicle owner or the driver modules, same as the passengers' vehicle owner is also an actor for the actions and functions of the application. The driver is the one who facilitates the mobile application for the operation updates. Driver users, to be able to participate in the operations must be registered as well to received updates that will be given by the administrator. A successful dialog box will pop up after the registration process. Accounts are open to customizing, booking notification will be displayed as the passengers' reserve bookings, accept button is for user requests and accept while the reject button is for declining the request. A successful message will display also and the last page notifies the drivers' vehicle for sharing.