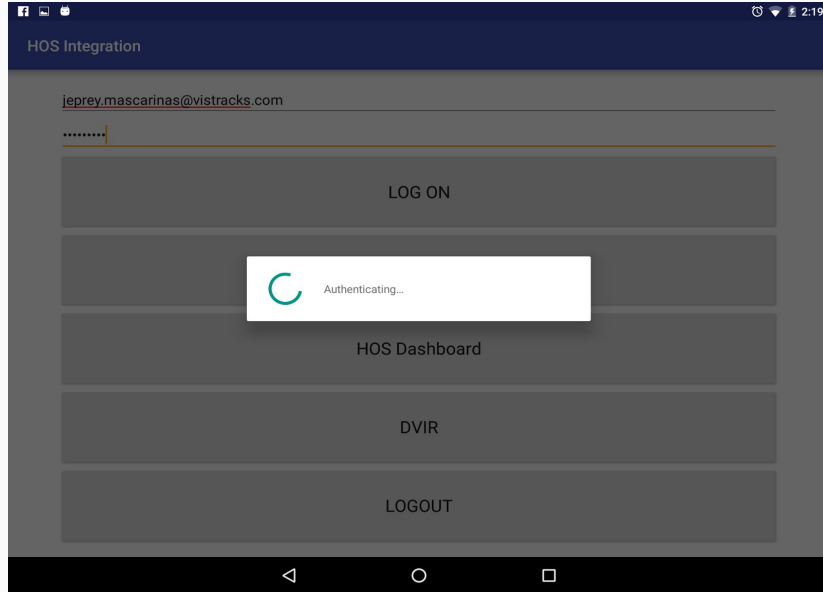


Hours Of Service Android Integration Guide



Login to HOS app

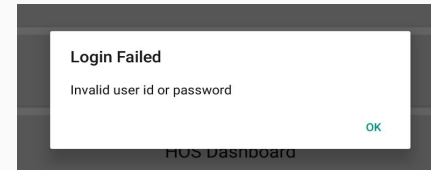


Code:

```
// Logging in to hos app
// Make new bundle to put credentials for logging in
Bundle args = new Bundle();
args.putString("vt_login_id", mLoginIdET.getText().toString()); // Login id
args.putString("vt_password", mPasswordET.getText().toString()); // Login password
args.putBoolean("isShowLoginFailedDialog", true); // Optional Whether to show login
failed dialog (Default: true)

// Make new intent passing intent action for login
Intent intent = new Intent("android.intent.action.VT_AUTHENTICATE");
intent.putExtras(args); // put the bundle with credentials on intent extras
// start activity with result to check any result code whether login succeed or failed
startActivityForResult(intent, REQUEST_CODE_LOGIN);
```

Login Failed Dialog, can be disabled by setting
“isShowLoginFailedDialog” to false



Shipping Manifest Dialog



HOS Integration

jeprey.mascarinas@vistracks.com

LOG ON

Enter Shipping Docs

B/L or Manifest No.

Shipper and Commodity

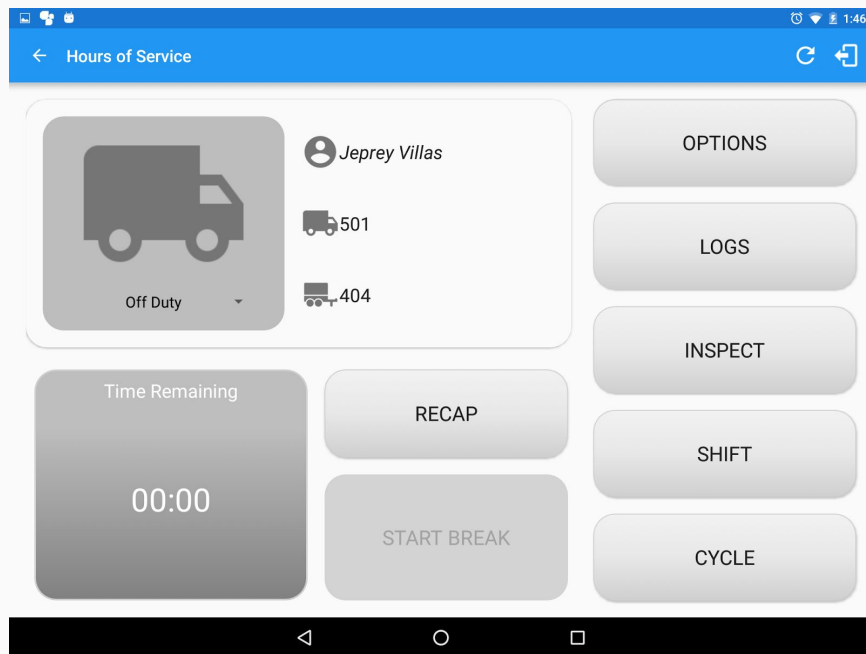
CANCEL OK

DVIR

LOGOUT

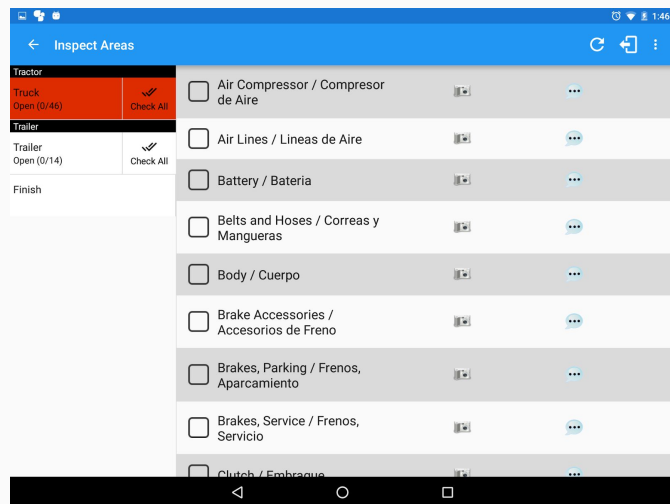
Code:

```
// Launching shipping manifest dialog
Intent intent = new Intent("android.intent.action.SET_SHIPPING_MANIFEST");
startActivity(intent);
```



Code:

```
// Launching hos dashboard
Intent intent = new Intent("android.intent.action.HOS_DASHBOARD");
startActivity(intent);
```



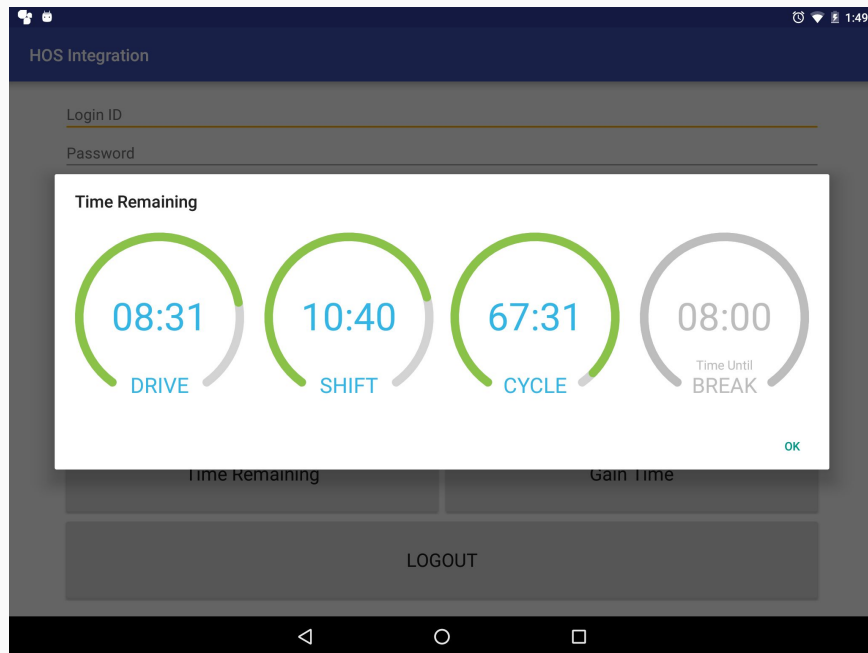
Code:

```
// Launching DVIR
// Make new bundle to put inspection details
Bundle args = new Bundle();
// The following are the Required Arguments to be passed on
// Either of Vehicle id or Trailer id should have a value
// Just pass trailer id if only the trailer gets inspected and vice versa
args.putString("vehicleId", "Vehicle Test"); // Vehicle id to inspect
args.putString("trailerId", "Trailer Test"); // Trailer id to inspect
args.putString("inspectorType", "DRIVER"); // InspectorType to inspect either of the ff
(DRIVER, MECHANIC, OTHER)
args.putString("tripType", "PRE_TRIP"); // TripType to inspect either of the ff (PRE_TRIP,
POST_TRIP, AD_HOC)

// The following are Optional Arguments
// Set certify message to be displayed upon finishing the inspection
args.putString("certifyMessage", "I, Driver Name, certify that this DVIR is correct and true");
args.putDouble("odometerKm", 123); // Odometer in km associated with DVIR

Intent intent = new Intent("android.intent.action.HOS_DVIR");
intent.putExtras(args); // put the bundle with inspection details on intent extras
startActivityForResult(intent, REQUEST_CODE_DVIR);
```

Time Remaining Dialog

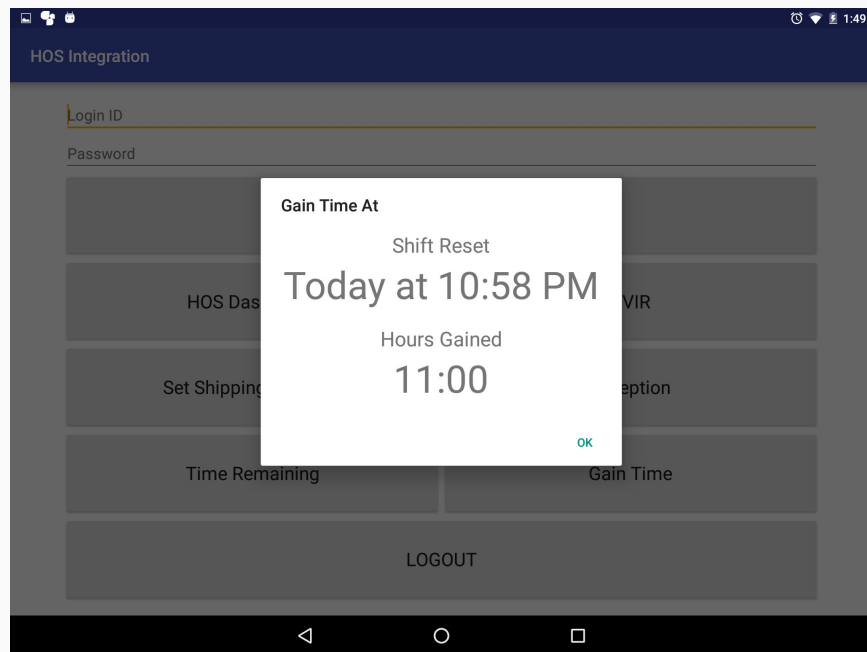


Code:

```
// Launching Time Remaining Dialog
Intent intent = new Intent("android.intent.action.HOS_TIME_REMAINING");
startActivity(intent);
```



Gain Time At Dialog



Code:

```
// Launching Gain Time At Dialog  
Intent intent = new Intent("android.intent.action.HOS_GAIN_TIME");  
startActivity(intent);
```



Add Exception Dialog



HOS Integration

Login ID

Password

HO

Set S

Tin

Add Exception

- ☐ 2 Hour Driving Extension for Adverse Driving Conditions - 395.1(b)(1)
- ☐ Relief from All Driving Rules for Emergency Conditions - 395.1(b)(2)
- ☐ Oilfield Operations with 24 hour restart - 395.1(d)
- ☐ 30 Minute Break Exemption for Short-Haul Drivers - 395.1(e)(1,2)
- ☐ No Logs for Non-CDL-Driver Short-Haul Drivers operating within 150 air miles - 395.1(e)(2)
- ☐ 24 Hour Restart for Construction, Groundwater well-drilling - 395.1(l,m)
- ☐ 16 Hour Driving Window - 395.1(o)

Test

CANCEL OK

Code:

```
// Launching Exception Dialog  
Intent intent = new Intent("android.intent.action.HOS_EXCEPTION");  
startActivity(intent);
```




Log Review Activity



Review logs for previous 7 days including today.

Tap "Start Review" button and give your device to the DOT Officer.

Start Review

Email logs for previous 7 days including today.

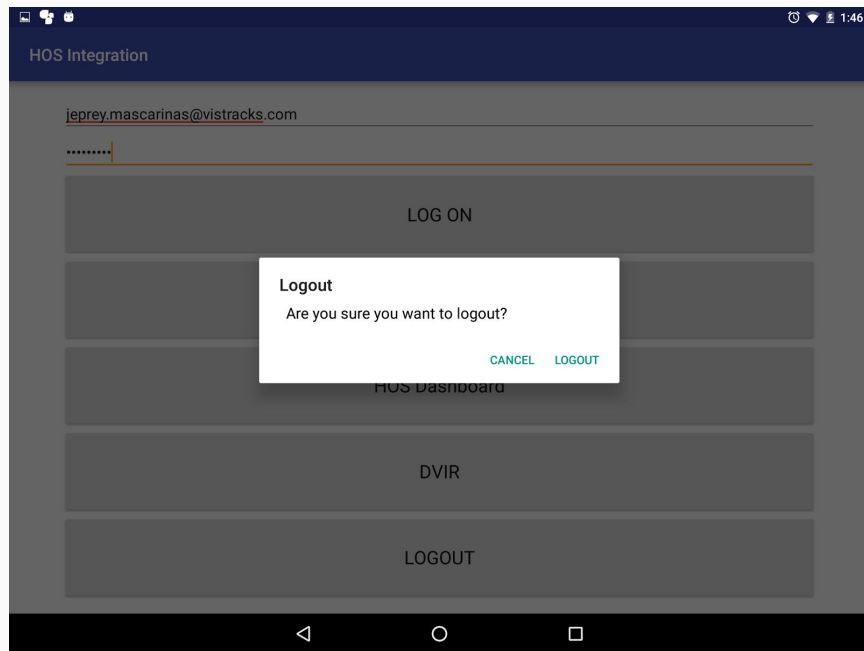
Email your logs to the DOT Officer if they request a paper copy of your logs.

Email Logs

Code:

```
// Launching Log Review Activity
Intent intent = new Intent("android.intent.action.HOS_LOG_REVIEW");
startActivity(intent);
```





Code:

```
// Logging out to HOS app
Intent intent = new Intent("android.intent.action.HOS_LOGOUT");
startActivity(intent);
```