



NetMesh Mobile Application (Android & iOS) – User manual

How to use NetMesh 3.0

1. As an Admin, Register the device of the field tester
 - 1.1 Register the device to the NetMesh website
 - 1.1.1 Enter device information

Add Mobile Device

name

Juan- Samsung S22

serial number

01123891842

imei

91234567

phone model

Android

android version

14

ram

8

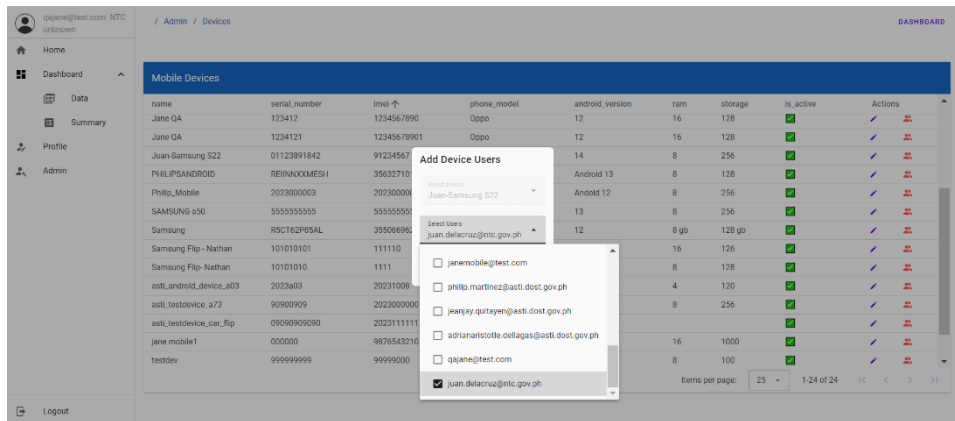
storage

256

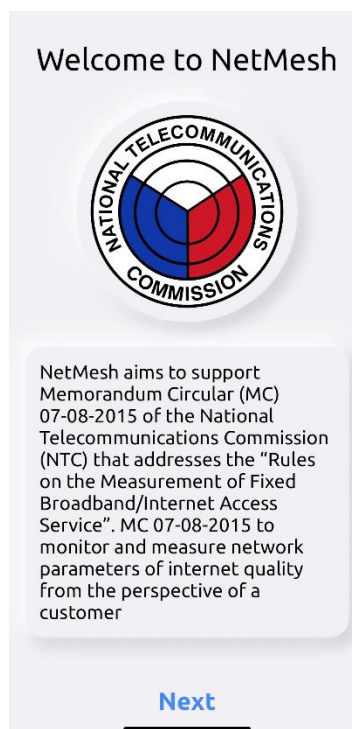
SAVE

Provide all the necessary information. This information will be used to uniquely identify the device and its user

1.2 Assign the registered device to the Field tester



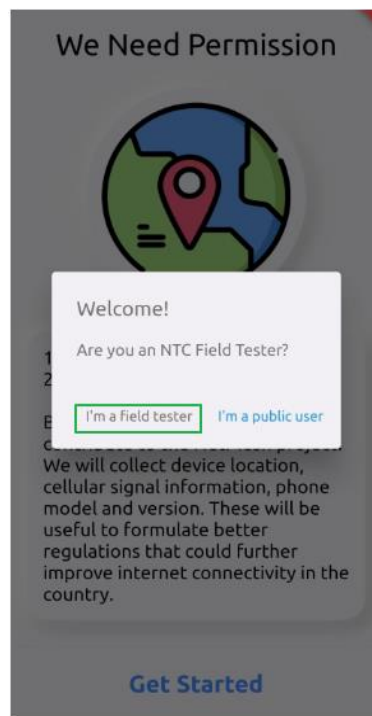
1.3. Install the NetMesh app



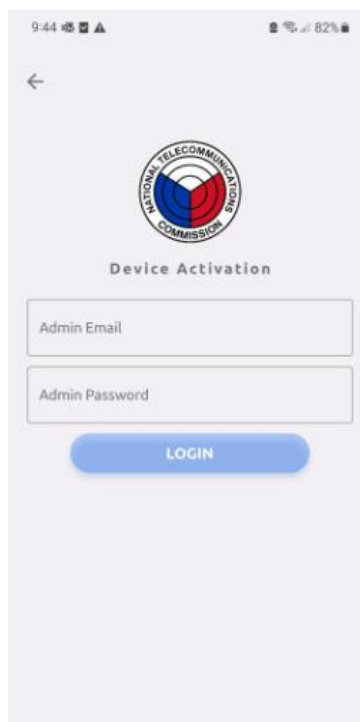
After installation, the onboarding screen will be launched. After reading, simply tap 'Next'

1.4. Activate the device

1.4.1. Tap “I’m a field tester” when asked if “NTC Field Tester”



1.4.2. Login admin credentials



Enter the admin account, which has access to register and activate a device.

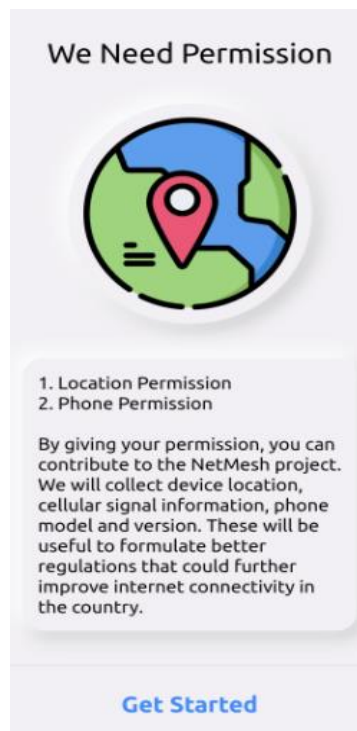
1.4.3. Enter registered IMEI



Fill up the IMEI-field. Press the button to activate the device

2. Login

2.1. Tap "Get Started" and accept all permissions



*After tapping the button, location permission and phone permission will be asked, **allow all permission** needed.*

2.2. Enter Field tester email and password



Fill up email and password with the given field tester account.

3. Speed test proper

3.1. Conduct speed test - Android



Tap "Start" to conduct a speed test

3.2. Conduct speed test – iOS

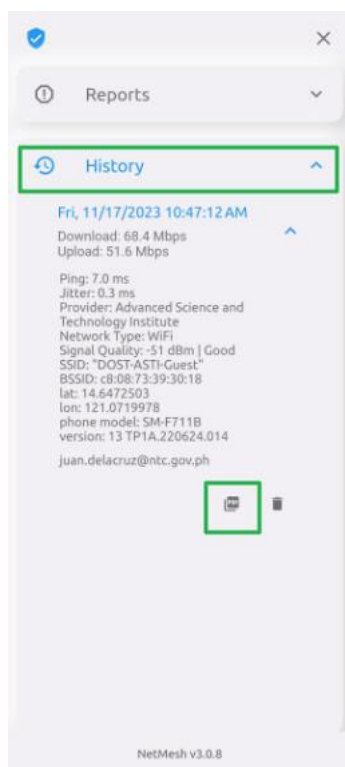
Note: Signal strength is not displayed on iOS due to Apple Inc. restriction



Tap "Start" to conduct a speed test

3.2. Save history as PDF

3.2.1. Tap "PDF icon" button



After pressing the PDF icon button, saved file could be found at the device download folder.

4. Saving manual reports

4.1. Save manual report

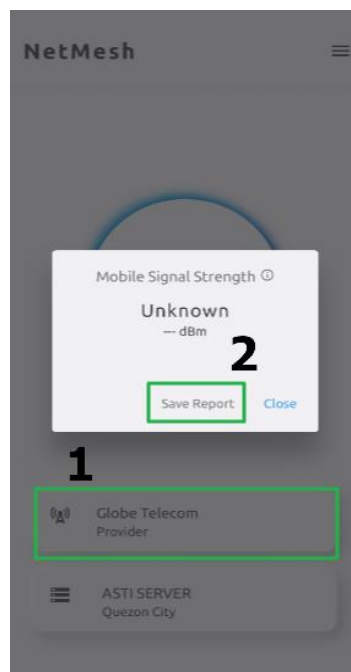
4.1.1. Tap ISP Card

4.1.2 Tap 'Save Report' - Android



Manually saved report will be saved in Reports section

4.1.3 Tap 'Save Report' - iOS



Manually saved report will be saved in Reports section

Note: Signal strength is not displayed on iOS due to Apple Inc. restriction

- 4.2 Send manually saved report
 - 4.2.1 Good internet connection
 - 4.2.2. Tap “Send icon” button



If sent succeed, report will be posted on the result server and will save a PDF copy.

Frequently Asked Questions:

1. How can I manually create a report in the NetMesh mobile app?

Answer: Use a mobile data > Launch NetMesh mobile app then go to Service Provider > Tap Save Report
Go to Reports section > Locate to the newly created manual report then tap Send icon.

2. Is it possible to log in to the NetMesh mobile app with multiple users?

Answer: Yes

3. Does the NetMesh iOS app display the signal strength?

Answer: No, signal strength, and some phone information are restricted by Apple Inc. in the speed test to maintain user data privacy and protection. However, signal strength is only available on Android.

4. Can I select any server to run the speedtest?

Answer: Yes

5. If I reinstall my NetMesh app, should I still reactivate my phone device in the NetMesh mobile app?

Answer: Yes, you still need to reactivate the device after reinstalling the NetMesh mobile app

6. After saving the manually created report, will the test result be sent to the result server?

Answer: No, you need to manually send it first. Go to the Report section, select the manually saved report, and then tap the Send icon.

NetMesh Web Based User Manual

1. Access <https://netmesh.pregi.net/> as Public user in any web browsers

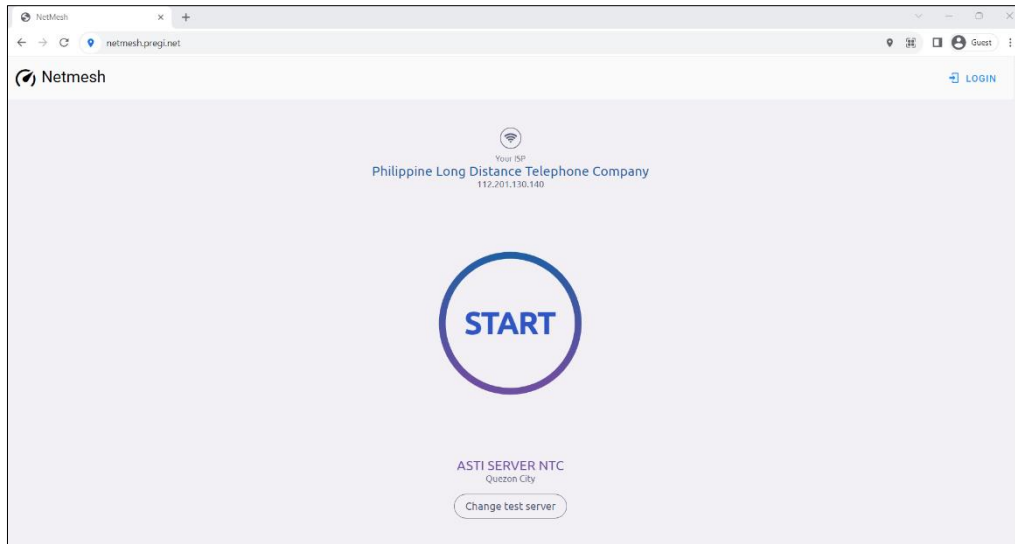


Figure 1: Home page

2. The home page displays the ISP, the selected server, the server list, and the login button
3. Click Start

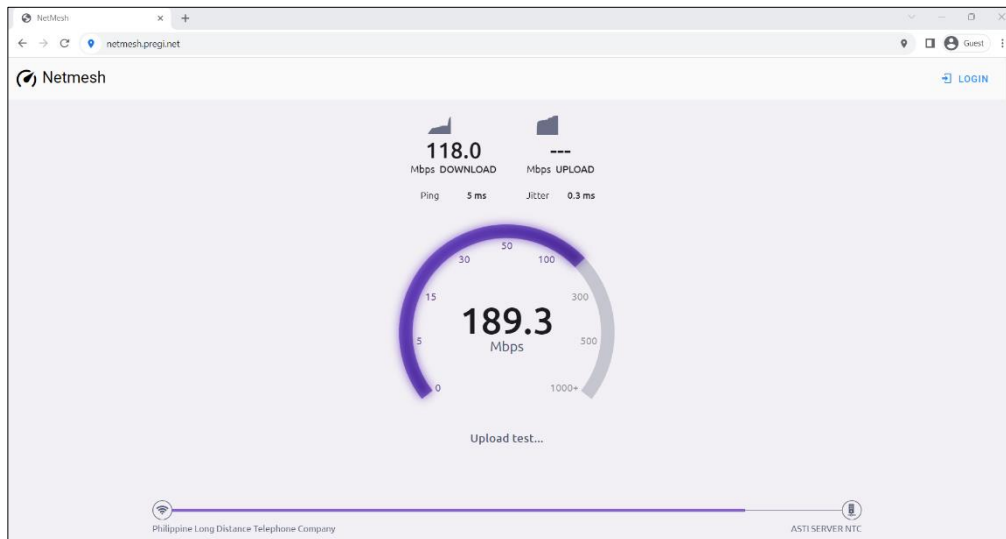


Figure 2: Download and Upload

4. The test will start running. Once the test is done, the test results, such as Download, Upload, Ping, Jitter, ISP, and Test server, will be displayed. Users can test again or go back to the home page by clicking the Back button

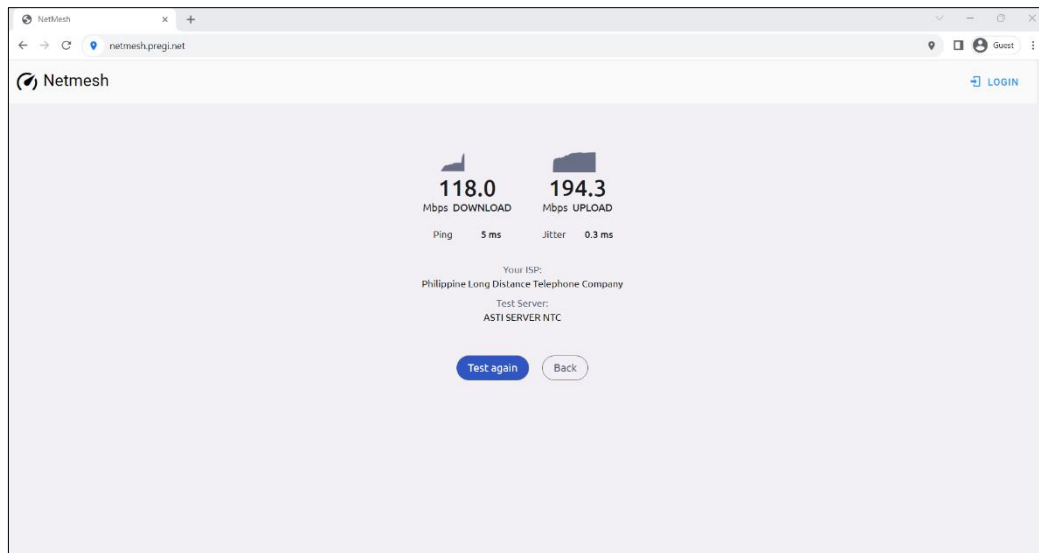


Figure 3: Test Result

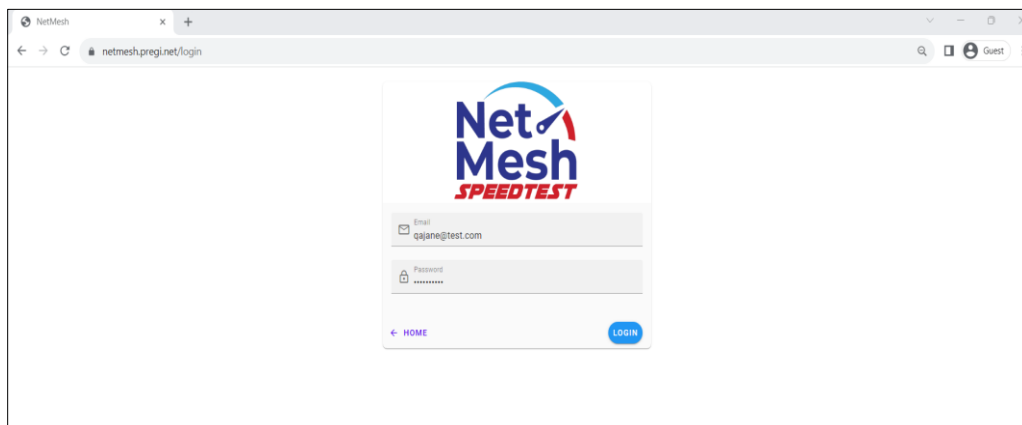


Figure 4: Login

5. Login to NetMesh as **NTC Admin**

Note: Only NTC personnel have access to log into NetMesh Speedtest

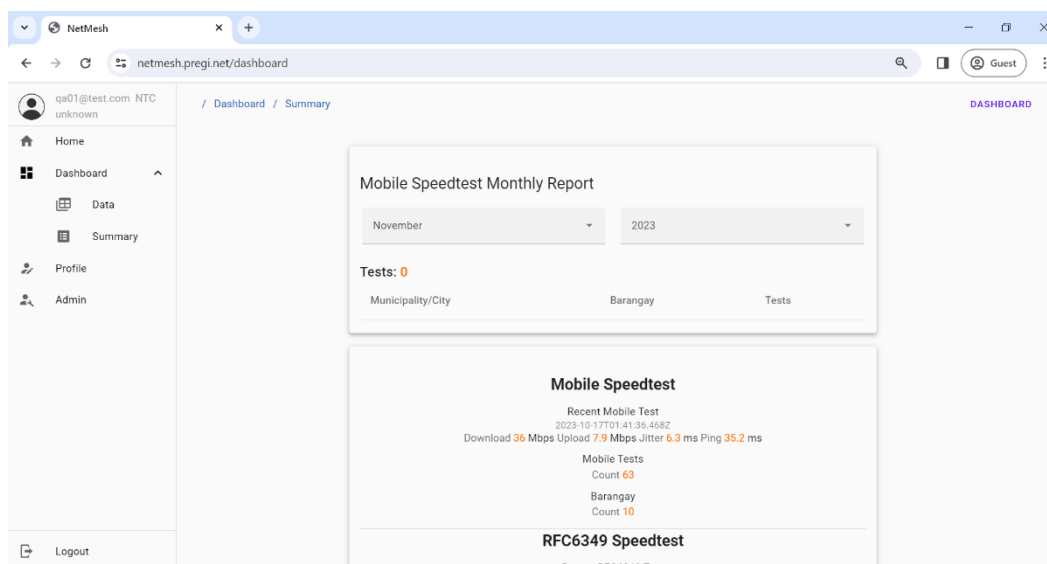


Figure 4: Dashboard Summary

6. After logging into the NetMesh web-based platform, users will be redirected to the Dashboard Summary, where recent Mobile/RFC6349 test results, all test counts, and the number of barangays where tests have been conducted will be displayed in Dashboard Summary. Additionally, the user can filter the month and year of the conducted tests.

The screenshot shows the NetMesh ResultsTable page. The left sidebar contains navigation links: Home, Dashboard, Data, Summary, Profile, and Admin. The main content area displays a table of Mobile Speedtest results. The table has columns: Timestamp, Operator, Signal Quality, Download (Mbps), Upload (Mbps), Jitter (ms), Ping (ms), and Tester. The data shows several test results for Philippine Long Distance Telephone Co. and Globe Telecom.

Timestamp	Operator	Signal Quality	Download (Mbps)	Upload (Mbps)	Jitter (ms)	Ping (ms)	Tester
11/6/2023, 9:41:00 AM	Philippine Long Distance Telephone Co.	---	211.5	178.7	0	25	qajane@test.com
11/6/2023, 9:34:31 AM	Philippine Long Distance Telephone Co.	Excellent	169	311.3	5.9	38.9	qajane@test.com
11/6/2023, 9:34:06 AM	Philippine Long Distance Telephone Co.	---	212	219.6	0	24	qajane@test.com
11/5/2023, 2:47:04 PM	Philippine Long Distance Telephone Co.	Good	122.4	341.1	1	14.6	qajane@test.com
11/5/2023, 2:40:22 PM	Globe Telecom	Very Weak	1.3	0.2	3.2	63.1	qajane@test.com
11/5/2023, 2:36:08 PM	Philippine Long Distance Telephone Co.	Good	134.1	338.3	0	13.8	qajane@test.com

Figure 5: Dashboard Data – Mobile/RFC test results

7. Dashboard Data (Mobile/RFC test results) - User Mobile/RFC test results should be displayed in the 'Dashboard Data – Mobile/RFC Tests'. When an admin checks the 'All' checkbox, they will have the ability to access the test results of other field testers within their region.

Note: Only admin can access the test results of other field testers within their region when user checks the 'All' checkbox

Timestamp	Operator	Signal Quality	Download (Mbps)	Upload (Mbps)	Jitter (ms)	Ping (ms)	Tester
11/14/2023, 9:16:31 AM	Globe Telecom	---	0	0	0	0	User J.
11/14/2023, 9:16:42 AM	Globe Telecom	---	0	0	0	0	User J.
11/15/2023, 9:10:35 AM	Advanced Science and Technology Institute	---	54.3	35.7	0	27	User J.
11/15/2023, 9:10:35 AM	Advanced Science and Technology Institute	Average	100.8	121.2	4.4	35	User J.
11/15/2023, 9:09:32 AM	Advanced Science and Technology Institute	Average	102.1	124.7	8.9	11.4	User J.
11/15/2023, 9:08:44 AM	Advanced Science and Technology Institute	---	134.3	132.1	5	18	User J.
11/15/2023, 9:08:18 AM	Advanced Science and Technology Institute	Good	96	143.8	0.9	18.7	User J.
11/15/2023, 9:07:54 AM	Advanced Science and Technology Institute	---	139	131.4	0	2	User J.
11/14/2023, 9:20:55 AM	Advanced Science and Technology Institute	---	109.2	107	0	15	User J.
11/14/2023, 9:17:13 AM	Globe Telecom	---	0.023	0	14	127	User J.

Figure 6: Dashboard > Data

8. Export CSV file- All NTC Personnel has the access to generate the Mobile/RFC test results in CSV file

Timestamp	Operator	Signal Quality	Download (Mbps)	Upload (Mbps)	Jitter (ms)	Ping (ms)	Tester
11/6/2023, 9:41:00 AM			0	25	0	25	qqjane@test.com
11/6/2023, 9:34:31 AM			5.9	38.9	0	38.9	qqjane@test.com
11/6/2023, 9:34:06 AM			0	24	0	24	qqjane@test.com
11/5/2023, 2:47:04 AM			1	14.6	0	14.6	qqjane@test.com
11/5/2023, 2:40:22 AM			3.2	63.1	0	63.1	qqjane@test.com
11/5/2023, 2:36:08 AM			0	13.8	0	13.8	qqjane@test.com
11/5/2023, 2:32:05 AM			0.8	13.7	0	13.7	qqjane@test.com
11/5/2023, 2:31:16 AM			0.6	14.7	0	14.7	qqjane@test.com
11/5/2023, 2:15:22 AM			0	40	0	40	qqjane@test.com
11/5/2023, 2:13:31 AM			6	57	0	57	qqjane@test.com

Figure 6: Export CSV File

9. Profile – Users can select their designated NTC Office.

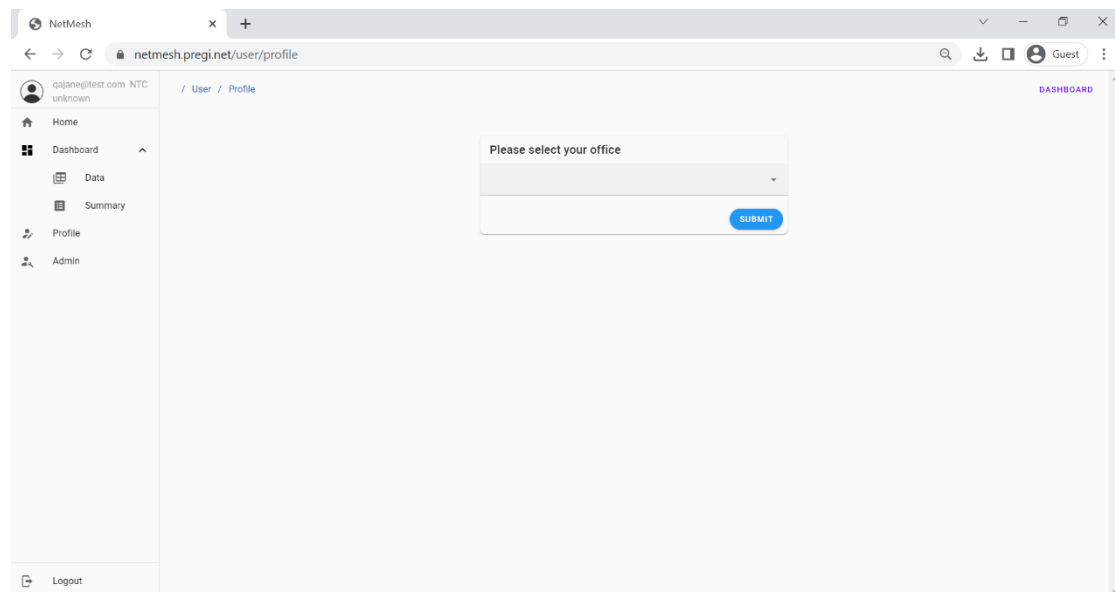


Figure 7: Profile

10. Admin- Users have access to features such as Users, Mobile devices, RFC devices, and Speedtest reports.

Note: Only administrators have access to these features

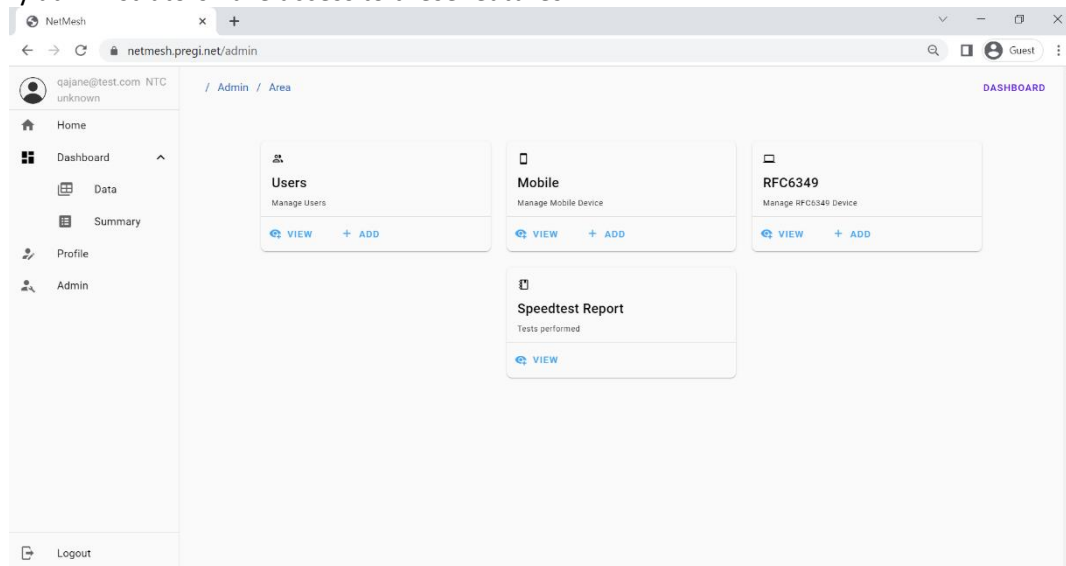
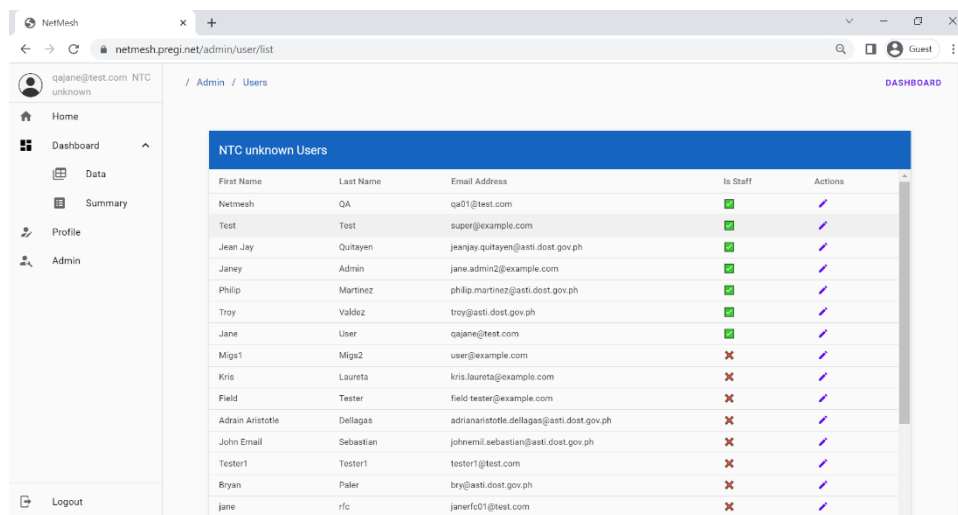


Figure 8: Admin

11. Admin > Users- Admin has the ability to edit/view all the users in their region and to add a new admin or field tester user

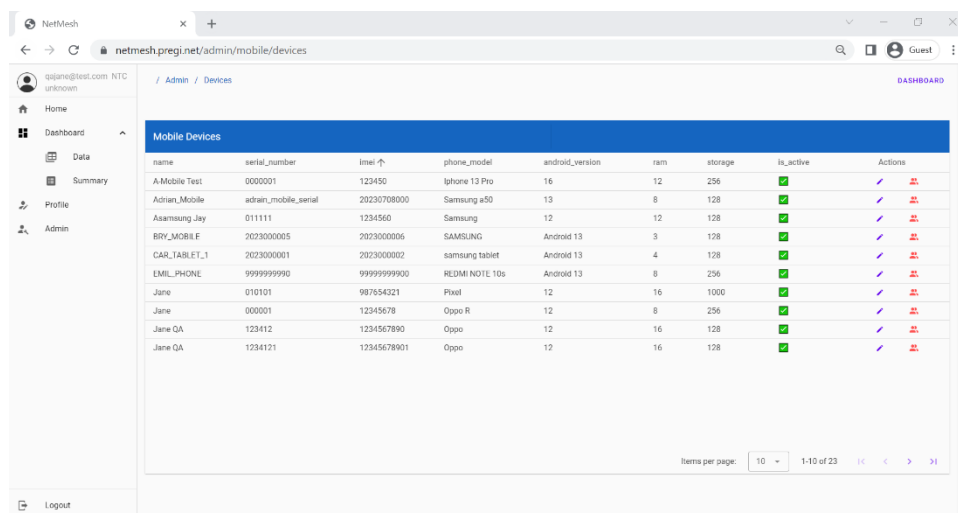


The screenshot shows the 'Admin > Users' page in the NetMesh application. The page title is 'NTC unknown Users'. It displays a table with columns: First Name, Last Name, Email Address, Is Staff, and Actions. The table lists various users, including Netmesh, Test, Jean Jay, Janey, Philip, Troy, Jane, Migs1, Kris, Field, Adrian Aristotle, John Email, Tester1, Bryan, and Jane. Each user has a corresponding email address and a status indicator (green checkmark for staff, red X for non-staff). The Actions column contains edit and delete icons for each user.

First Name	Last Name	Email Address	Is Staff	Actions
Netmesh	QA	qa01@test.com	✓	
Test	Test	super@example.com	✓	
Jean Jay	Quitayen	jeanjay.quitayen@astl.dost.gov.ph	✓	
Janey	Admin	jane.admin2@example.com	✓	
Philip	Martinez	philip.martinez@astl.dost.gov.ph	✓	
Troy	Valdez	troy@astl.dost.gov.ph	✓	
Jane	User	qajane@test.com	✓	
Migs1	Migs2	user@example.com	✗	
Kris	Laureta	kris.laureta@example.com	✗	
Field	Tester	field-tester@example.com	✗	
Adrian Aristotle	Dellagas	adrianaristotle.dellagas@astl.dost.gov.ph	✗	
John Email	Sebastian	johnemil.sebastian@astl.dost.gov.ph	✗	
Tester1	Tester1	tester1@test.com	✗	
Bryan	Paler	bryl@astl.dost.gov.ph	✗	
Jane	rfc	janerfc01@test.com	✗	

Figure 9: Admin > Users

12. Admin > Mobile – Admin has the ability to add a new mobile device and view all the mobile devices in their region. Admins can also assign a mobile device to a field tester.

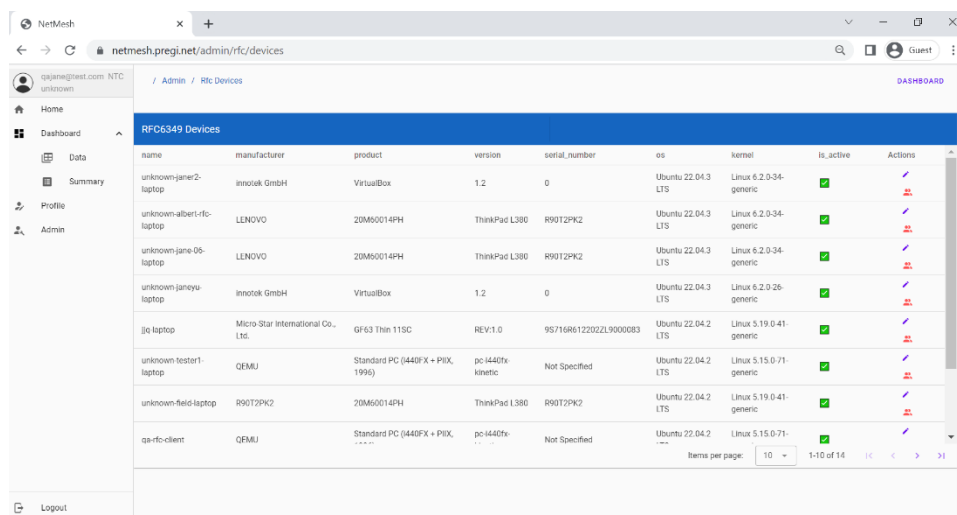


The screenshot shows the 'Admin > Mobile devices' page in the NetMesh application. The page title is 'Mobile Devices'. It displays a table with columns: name, serial_number, imei, phone_model, android_version, ram, storage, is_active, and Actions. The table lists various mobile devices, including A Mobile Test, Adrian_Mobile, Asamsung_Jay, BRY_MOBILE, CAR_TABLET_1, EMIL_PHONE, Jane, Jane QA, and Jane QA. Each device has a corresponding serial number, IMEI, phone model, Android version, RAM, and storage capacity. The Actions column contains edit and delete icons for each device.

name	serial_number	imei	phone_model	android_version	ram	storage	is_active	Actions
A Mobile Test	0000001	123450	Iphone 13 Pro	16	12	256	✓	
Adrian_Mobile	adrian_mobile_serial	20230708000	Samsung a50	13	8	128	✓	
Asamsung_Jay	011111	1234560	Samsung	12	12	128	✓	
BRY_MOBILE	2023000005	2023000006	SAMSUNG	Android 13	3	128	✓	
CAR_TABLET_1	2023000001	2023000002	samsung tablet	Android 13	4	128	✓	
EMIL_PHONE	9999999990	99999999900	REDMI NOTE 10s	Android 13	8	256	✓	
Jane	010101	987654321	Pixel	12	16	1000	✓	
Jane	000001	12345678	Oppo R	12	8	256	✓	
Jane QA	123412	1234567890	Oppo	12	16	128	✓	
Jane QA	1234121	12345678901	Oppo	12	16	128	✓	

Figure 10: Admin > Mobile devices

13. Admin > RFC6349 - Admin has the ability to edit/view the RFC6349 devices in their region.
Note: Admin cannot add an RFC6349 device in the web portal; it should be registered in the RFC6349 application

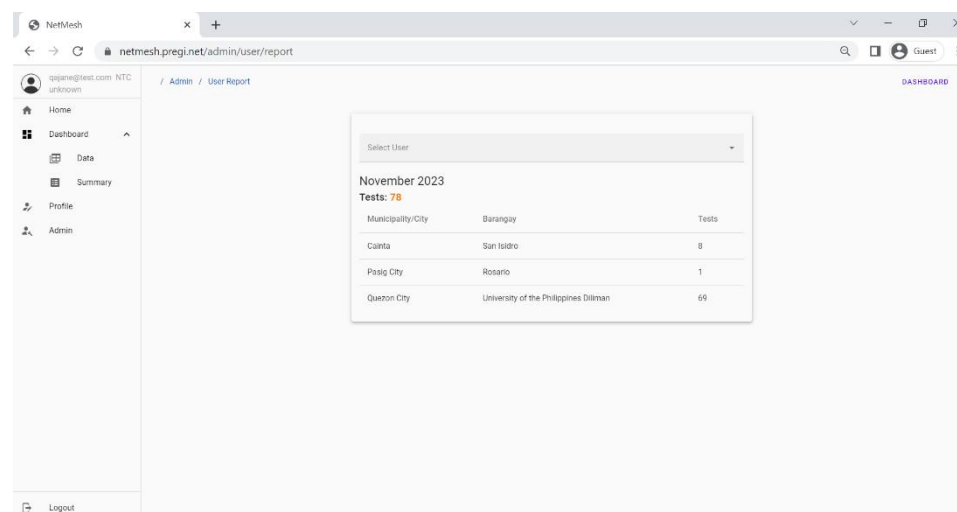


The screenshot shows the 'RFC6349 Devices' page in the NetMesh Admin portal. The page features a sidebar with navigation options: Home, Dashboard, Data, Summary, Profile, and Admin. The main content area displays a table of devices with the following columns: name, manufacturer, product, version, serial_number, os, kernel, is_active, and Actions. The table lists several devices, including laptops and a client, with their respective specifications and status.

name	manufacturer	product	version	serial_number	os	kernel	is_active	Actions
unknown-janer2-laptop	innorek GmbH	VirtualBox	1.2	0	Ubuntu 22.04.3 LTS	Linux 6.2.0-34-generic	<input checked="" type="checkbox"/>	Edit Delete
unknown-albert-rfc-laptop	LENOVO	20M50014PH	ThinkPad L380	R90T2PK2	Ubuntu 22.04.3 LTS	Linux 6.2.0-34-generic	<input checked="" type="checkbox"/>	Edit Delete
unknown-jane-05-laptop	LENOVO	20M50014PH	ThinkPad L380	R90T2PK2	Ubuntu 22.04.3 LTS	Linux 6.2.0-34-generic	<input checked="" type="checkbox"/>	Edit Delete
unknown-janeysu-laptop	innorek GmbH	VirtualBox	1.2	0	Ubuntu 22.04.3 LTS	Linux 6.2.0-26-generic	<input checked="" type="checkbox"/>	Edit Delete
jje laptop	Micro Star International Co., Ltd.	GF63 Thin 115G	REV1.0	95716R612202ZL9000083	Ubuntu 22.04.2 LTS	Linux 5.19.0-41-generic	<input checked="" type="checkbox"/>	Edit Delete
unknown-tester1-laptop	QEMU	Standard PC (i440FX + PIIX, 1996)	pc-i440fx-kinetic	Not Specified	Ubuntu 22.04.2 LTS	Linux 5.15.0-71-generic	<input checked="" type="checkbox"/>	Edit Delete
unknown-field-laptop	R90T2PK2	20M50014PH	ThinkPad L380	R90T2PK2	Ubuntu 22.04.2 LTS	Linux 5.19.0-41-generic	<input checked="" type="checkbox"/>	Edit Delete
qa-rfc-client	QEMU	Standard PC (i440FX + PIIX, 1996)	pc-i440fx-kinetic	Not Specified	Ubuntu 22.04.2 LTS	Linux 5.15.0-71-generic	<input checked="" type="checkbox"/>	Edit Delete

Figure 11: Admin > RFC6349 devices

14. Admin > Speedtest results – Admins can view the field tester test results, total counts of Speedtest, location, and the month in which they were conducted.



The screenshot shows the 'User Report' page in the NetMesh Admin portal. The page displays a summary of Speedtest results for November 2023. A dropdown menu allows selecting a user, and the main content area shows a table of test results categorized by Municipality/City and Barangay.

Municipality/City	Barangay	Tests
Cainta	San Isidro	8
Pasig City	Rosario	1
Quezon City	University of the Philippines Diliman	69

Figure 12: Admin > Speedtest results

Field Tester – User manual

1. Login to <https://netmesh.pregi.net/login> as Field tester in any web browsers

2. **Dashboard > Summary** - After logging into the NetMesh web-based platform, users will be redirected to the Dashboard Summary, where recent Mobile/RFC6349 test results, all test counts, and the number of barangays where tests have been conducted will be displayed in Dashboard Summary.

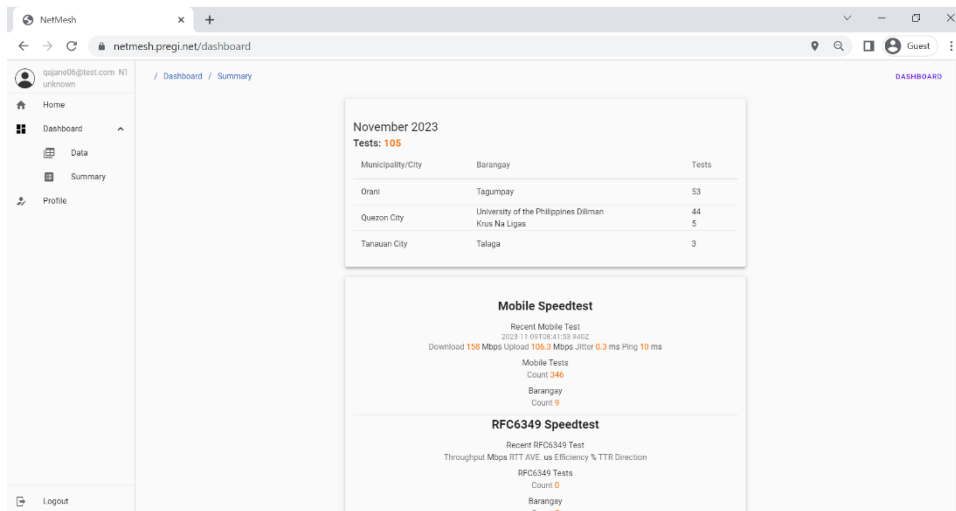


Figure 1: Dashboard > Summary

3. **Dashboard > Data (Mobile/RFC test results)** - Field tester can view their own Mobile/RFC test results should be displayed in the 'Dashboard Data – Mobile/RFC Tests' table.

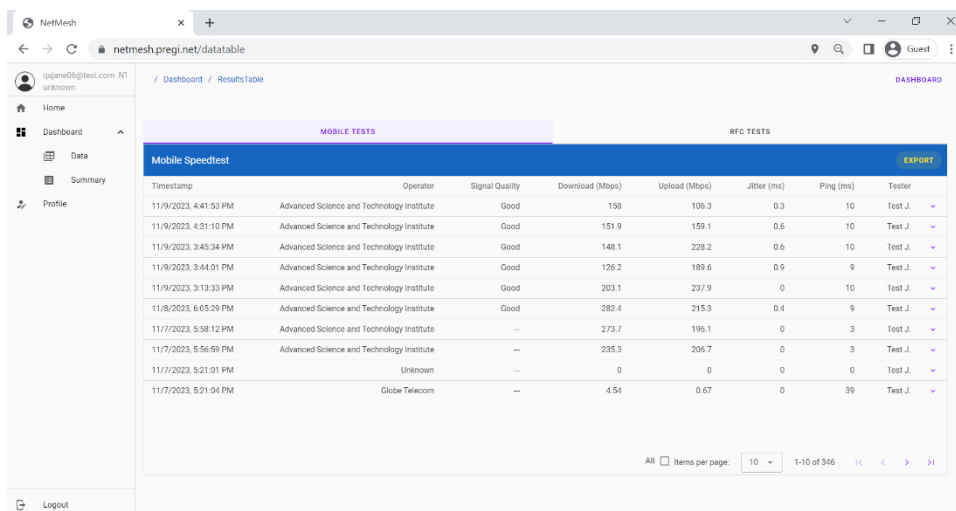


Figure 2: Dashboard > Data

4. Export CSV file- All NTC Personnel has the access to generate the Mobile/RFC test results in CSV file

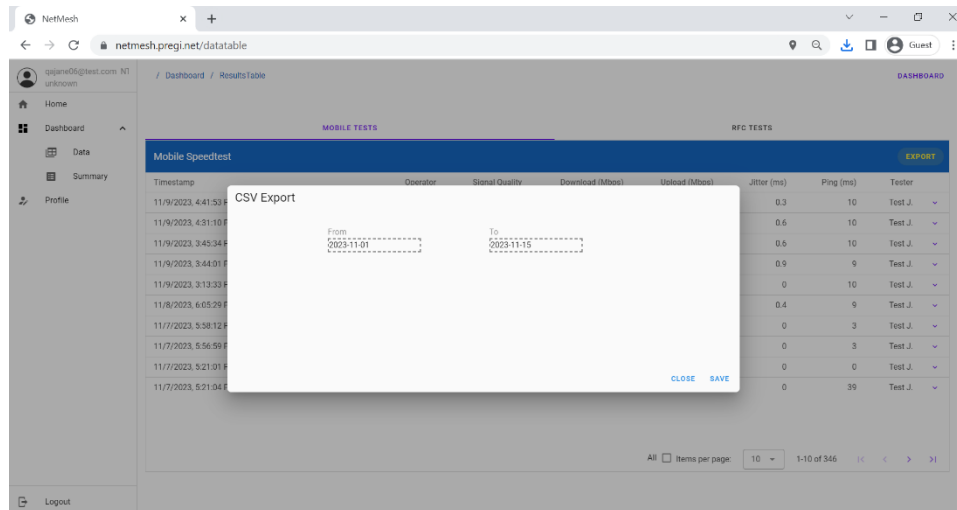


Figure 3: Excel CVS Export

5. Profile – Users can select their designated NTC Office.

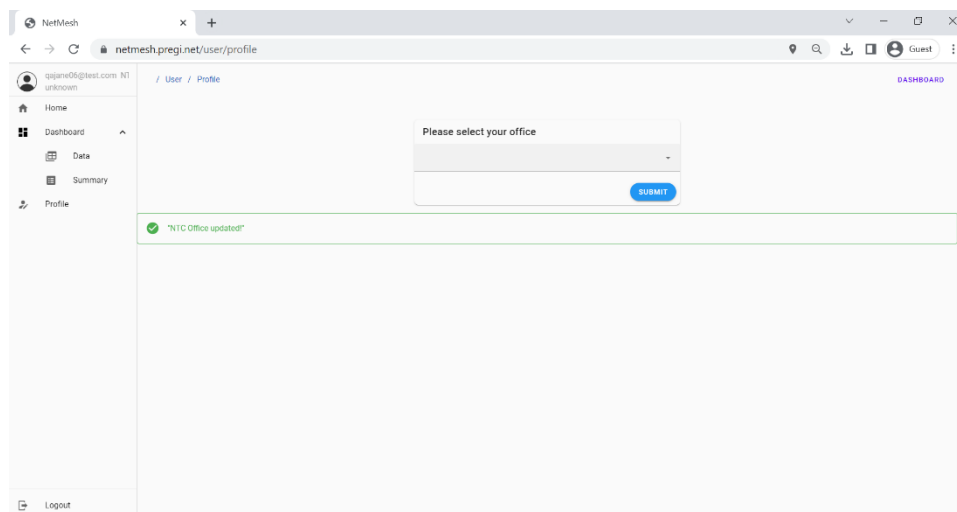


Figure 4: Profile

Frequently Asked Questions:

1. How to add new field tester?

Answer: Access <https://netmesh.pregi.net/> as Admin user in any web browsers then go to Admin> Users section click Add. Fill out the required fields then click Save button

NetMesh

netmesh.pregi.net/admin/user/create

Admin / Create User

Home

Dashboard

Data

Summary

Profile

Admin

Logout

Dashboard

ADD USER

Email

juan.delacruz@ntc.gov.ph

First Name

Juan

Last Name

Dela cruz

NTC unknown

NTC unknown

Password

Save

2. How to view newly added field tester?

Answer: Go to Admin > Users click View, find the newly added field tester

NetMesh

netmesh.pregi.net/admin/user/list

Admin / Users

Home

Dashboard

Data

Summary

Profile

Admin

Logout

Dashboard

NTC unknown Users

First Name	Last Name	Email Address	Is Staff	Actions
Jane	User	jane@example.com	✓	✖
Miguel	Miguel	miguel@example.com	✖	✖
Kris	Laureto	kris.laureto@example.com	✖	✖
Field	Tester	fieldtester@example.com	✖	✖
Adrian	Arlalote	adrianarlotte.delaiglesias.dost.gov.ph	✖	✖
John	Sebastian	johnsebastian.sebastian@sebastian.dost.gov.ph	✖	✖
tester1	tester1	tester1@test.com	✖	✖
Dylan	Paler	dylanpaler.dost.gov.ph	✖	✖
Jane	rlc	jane@rlc.gov.ph	✖	✖
Jane	mlc	jane@mlc.gov.ph	✖	✖
Jane	mobile	jane@mobile.gov.ph	✖	✖
Jane	mobile	jane@mobile.gov.ph	✖	✖
Nathan	Manzano	nathan@manzano.gov.ph	✖	✖
Jane	Test	jane@test.gov.ph	✖	✖
Albert	BHC	albert@bhc.gov.ph	✖	✖
Juan	Dela cruz	juan.delacruz@ntc.gov.ph	✖	✖

Items per page: 100 0/22 of 22

3. How to add mobile device in Web portal?

Answer: Go to Admin > Mobile device click Add then fill out the required fields.

NetMesh

netmesh.pregi.net/admin/mobile/add

Admin / Add Device

Home

Dashboard

Data

Summary

Profile

Admin

Logout

Dashboard

ADD MOBILE DEVICE

Name

Jane Pixel 7A

Serial Number

100123124

IMEI

2141000112

Phone Model

Android

Android Version

13

RAM

12

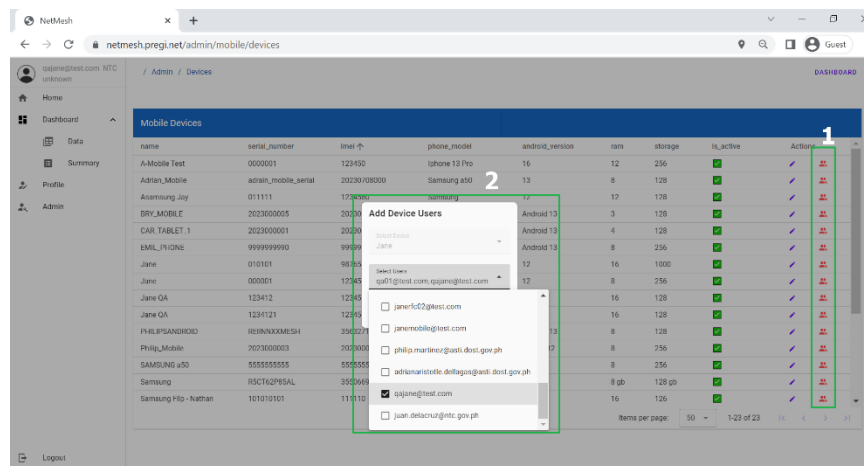
Storage

256

Save

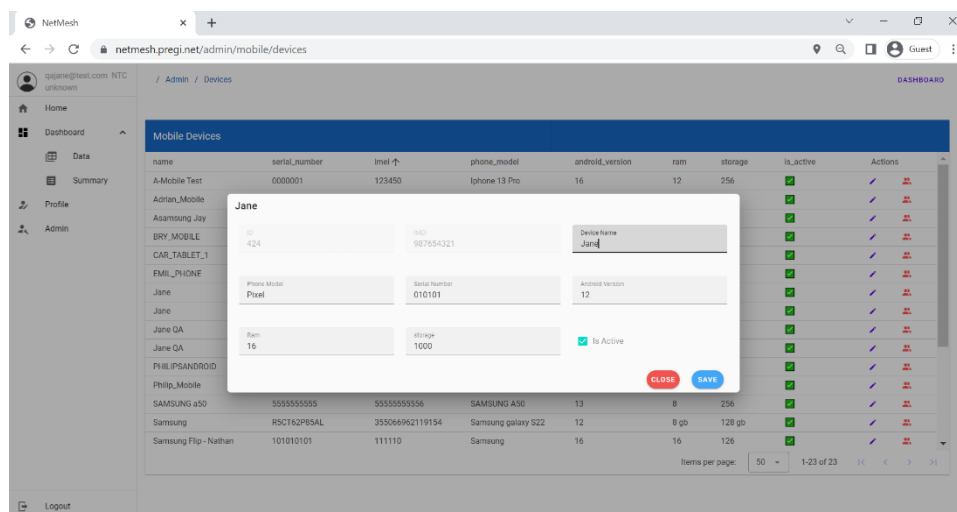
4. How to assign a mobile device to a user?

Answer: Go to Admin > Mobile device, then select any mobile device and click the user icon on the right side of the screen. Look for your user email, then tick the checkbox beside your user email. Toast message 'Success' will be displayed then device has now been assigned to you



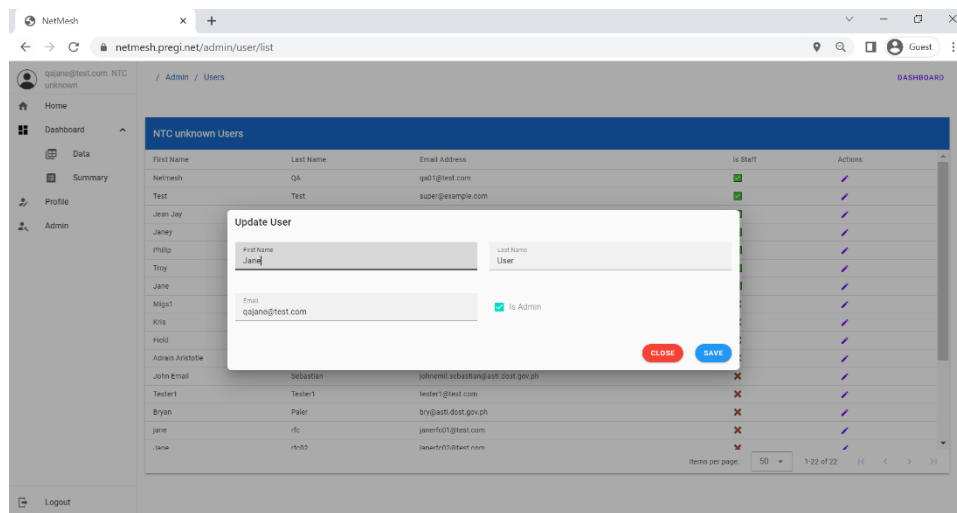
5. Can admin user be able to edit the mobile devices?

Answer: Yes, Admin can edit the Device Name, Phone Model, Serial Number, Android Version, Ram, Storage and Is Active checkbox except ID and IMEI



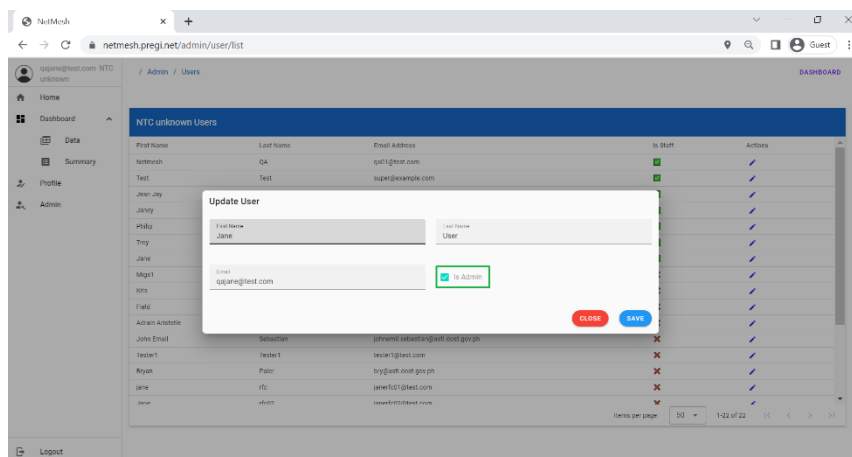
6. Can admin user be able to update field user info?

Answer: Yes



7. How can I assign the 'field tester' role to an admin user?

Answer: Go to Admin > Users click View, Click on field tester user then click the edit icon. In 'Update User' modal, check the checkbox next to the label 'Is Admin then Save.



8. As an admin user, how can I view all the test results conducted by field testers in my region?

Answer: Navigate to Data > Summary, then in the Mobile Tests table, click the checkbox labeled 'All'. All the test results in your region will be displayed on the table.

NetMesh

netmesh.pregi.net/datatables

qs@netmesh.com NTC unknown

Dashboard / ResultsTable

DASHBOARD

MOBILE TESTS

RFC TESTS

EXPORT

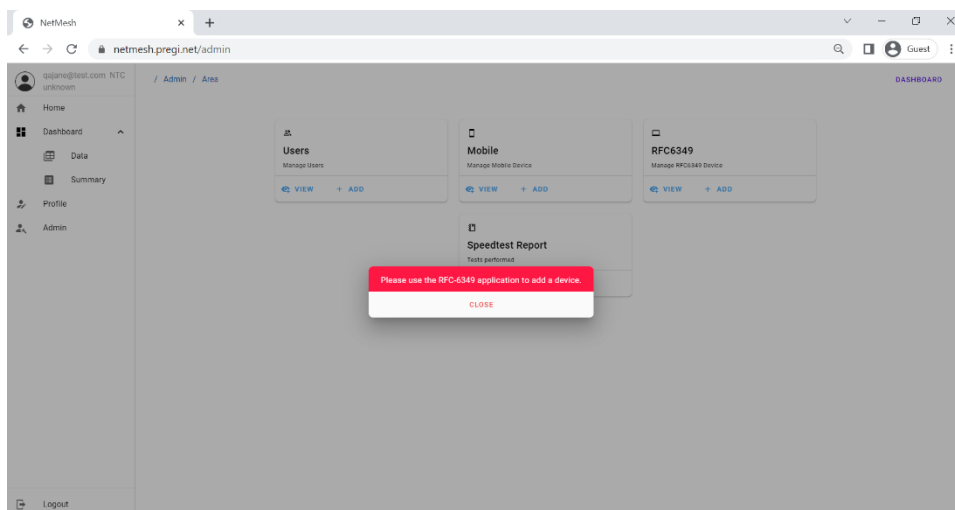
Mobile Speedtest

Timestamp	Operator	Signal Quality	Download (Mbps)	Upload (Mbps)	Jitter (ms)	Ping (ms)	Tester
11/14/2023, 9:20:55 AM	Advanced Science and Technology Institute	---	109.2	107	0	15	User J.
11/14/2023, 9:17:13 AM	Globe Telecom	---	0.023	0	14	127	User J.
11/14/2023, 9:13:06 AM	Globe Telecom	---	0	0	0	0	User J.
11/14/2023, 9:11:01 AM	Globe Telecom	---	0	0	0	0	User J.
11/14/2023, 9:09:53 AM	Globe Telecom	---	0	0	0	0	User J.
11/14/2023, 9:08:31 AM	Advanced Science and Technology Institute	Good	18	14.7	1.8	26.7	User J.
11/14/2023, 9:08:32 AM	Advanced Science and Technology Institute	---	18.1	27.1	1	15	User J.
11/14/2023, 9:07:19 AM	Advanced Science and Technology Institute	Good	15.8	20.2	1.3	35.6	User J.
11/14/2023, 9:07:19 AM	Advanced Science and Technology Institute	---	19.4	15.9	0	23	User J.
11/14/2023, 9:06:18 AM	Advanced Science and Technology Institute	Good	27.4	36.5	2.8	45	User J.
11/14/2023, 9:06:19 AM	Advanced Science and Technology Institute	---	116.3	39	0	24	User J.
11/14/2023, 9:04:56 AM	Advanced Science and Technology Institute	Good	31.1	84.6	0.6	13.1	User J.

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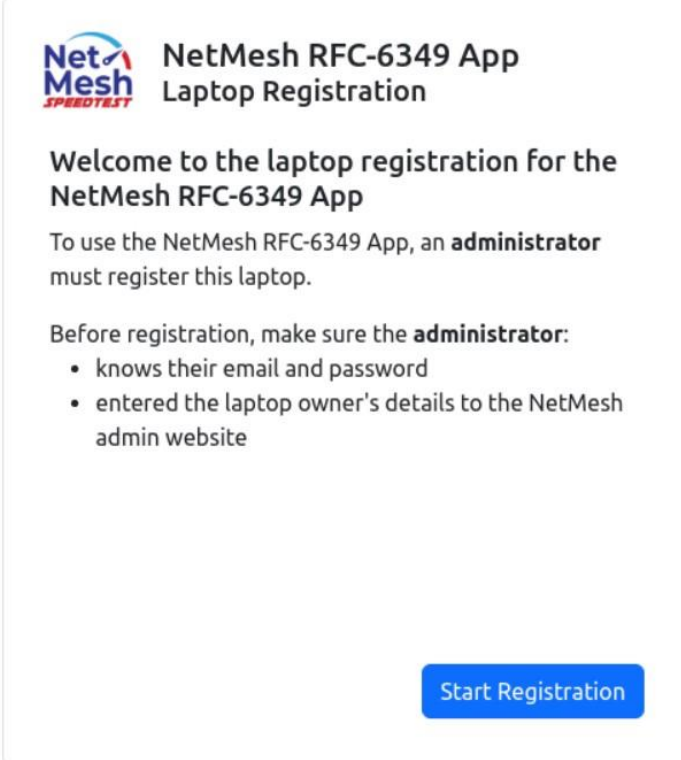
9. For RFC6349, can I register my laptop device in the web portal?

Answer: No, an admin user does not have the ability to add a device in the NetMesh web portal. You should register the device in the RFC-6349 application.



NetMesh RFC-6349 application

1. After installing the RFC-6349, user should have to register their device in NetMesh RFC-6349 application



The image shows a registration screen for the NetMesh RFC-6349 App. At the top left is the NetMesh logo with 'SPEEDTEST' in red. To its right is the title 'NetMesh RFC-6349 App Laptop Registration'. Below the title is a welcome message: 'Welcome to the laptop registration for the NetMesh RFC-6349 App'. This is followed by instructions: 'To use the NetMesh RFC-6349 App, an **administrator** must register this laptop.' Then, it says 'Before registration, make sure the **administrator**:' followed by a bulleted list: '• knows their email and password' and '• entered the laptop owner's details to the NetMesh admin website'. At the bottom right is a blue button labeled 'Start Registration'.

NetMesh RFC-6349 App Laptop Registration

Welcome to the laptop registration for the NetMesh RFC-6349 App

To use the NetMesh RFC-6349 App, an **administrator** must register this laptop.

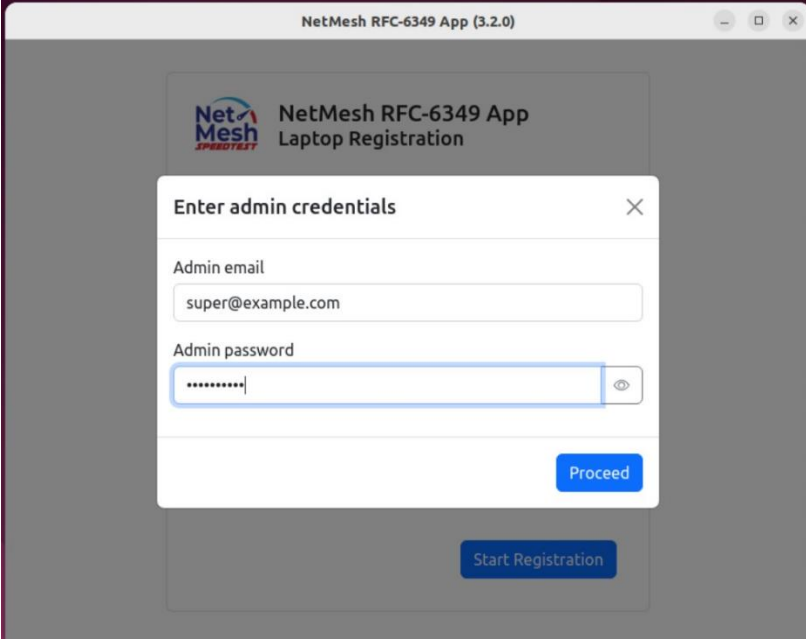
Before registration, make sure the **administrator**:

- knows their email and password
- entered the laptop owner's details to the NetMesh admin website

Start Registration

Figure 1: Laptop registration

2. Login as admin to register the field tester's laptop device



The image shows a web browser window titled 'NetMesh RFC-6349 App (3.2.0)'. Inside, there's a modal dialog titled 'Enter admin credentials'. The dialog has two input fields: 'Admin email' with the value 'super@example.com' and 'Admin password' with masked characters '*****'. There's a toggle icon for the password field. A blue 'Proceed' button is at the bottom right of the dialog. In the background, the same 'Start Registration' button from the previous figure is visible.

NetMesh RFC-6349 App (3.2.0)

Enter admin credentials

Admin email
super@example.com

Admin password


Proceed

Start Registration

Figure 1.1: Laptop Registration – Login as Admin

3. Assign the device to the field tester and name it.

NetMesh RFC-6349 App (3.2.0)



NetMesh RFC-6349 App
Laptop Registration

Unknown

Who will own this laptop?

Juan Dela Cruz
juandelacruz@test.com ▾

What will be the name of this laptop? 20/100


unknown-juan1-laptop
✓

unknown-juan1-laptop is available

⋮ Options
Continue

Figure1.3 Laptop registration – Assign the device to the field tester

NetMesh RFC-6349 App (3.2.0)



NetMesh RFC-6349 App
Laptop Registration

✓

This laptop is now registered
 named as unknown-juan1-laptop
 registered by super@example.com

Manufacturer	innotek GmbH
Product	VirtualBox
Version	1.2
Serial number	0
OS	Ubuntu 22.04.3 LTS
Kernel	Linux 6.2.0-35-generic
RAM	2.0G
Disk	26G

Use NetMesh RFC-6349 App

Figure 1.4: Laptop registration – Laptop is now registered

4. Login as field tester

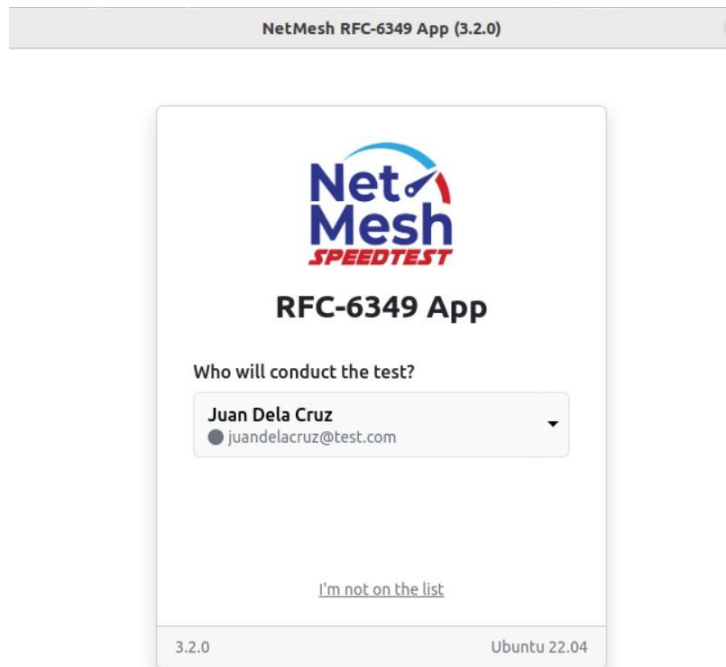


Figure 2: Login as field tester

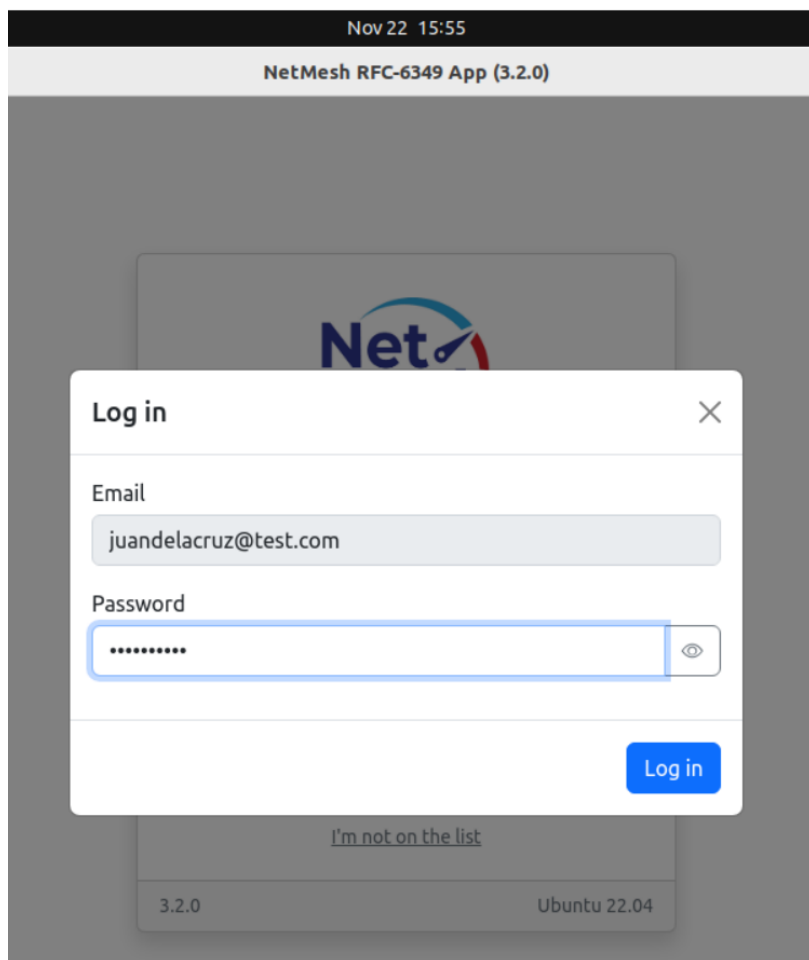


Figure 2.1: Login as field tester – enter password

5. Enter the required field to run the test

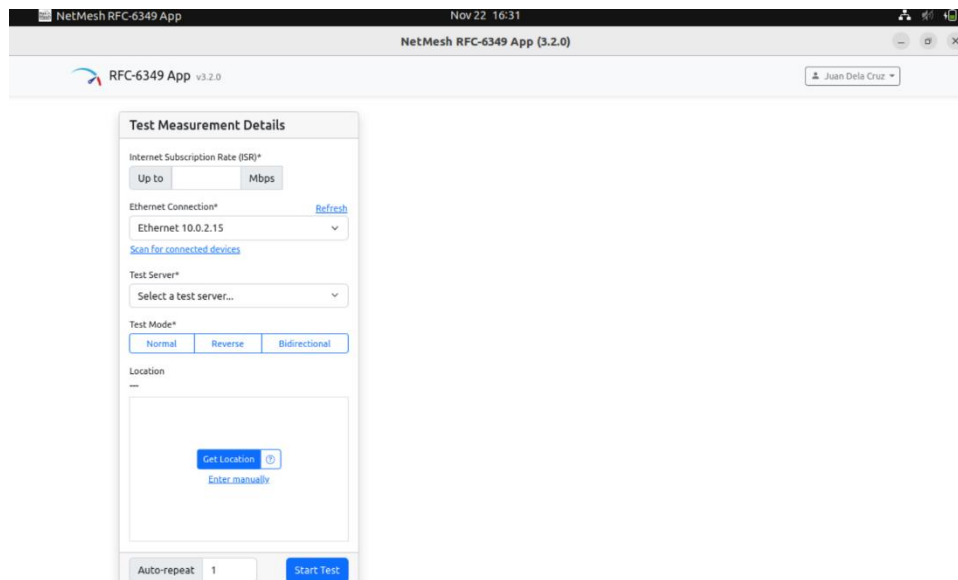


Figure 3: Test Measurement details

6. Conducting a test

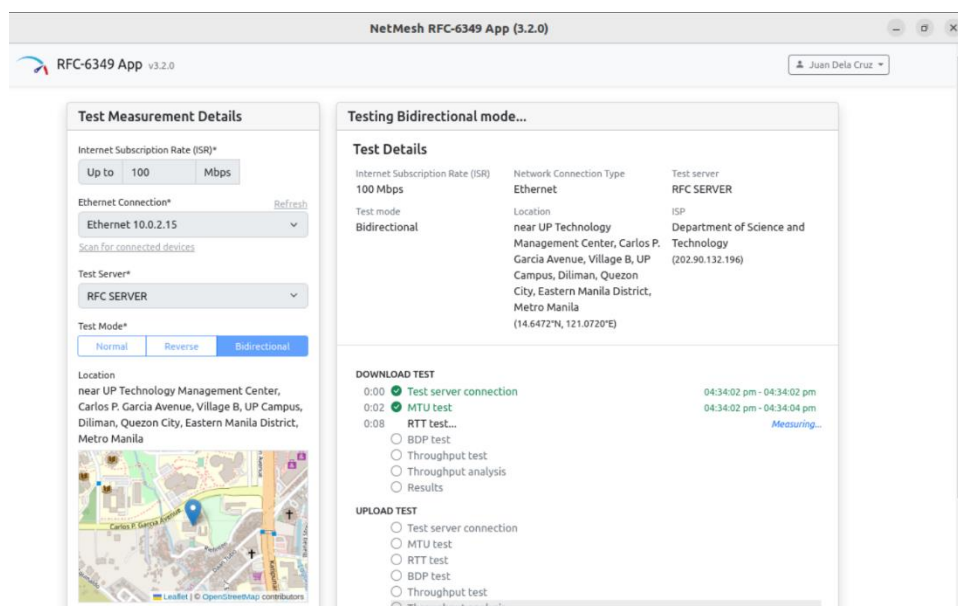


Figure 4: Test is running

7. After the test runs, the test results will be displayed

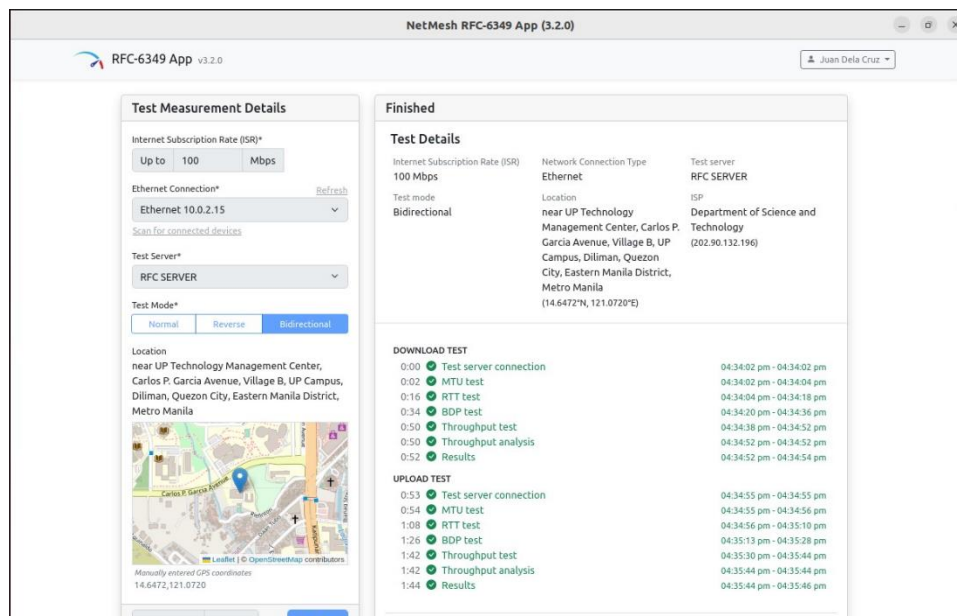


Figure 5: Test results

8. The user has the ability to save the test results in a PDF file.

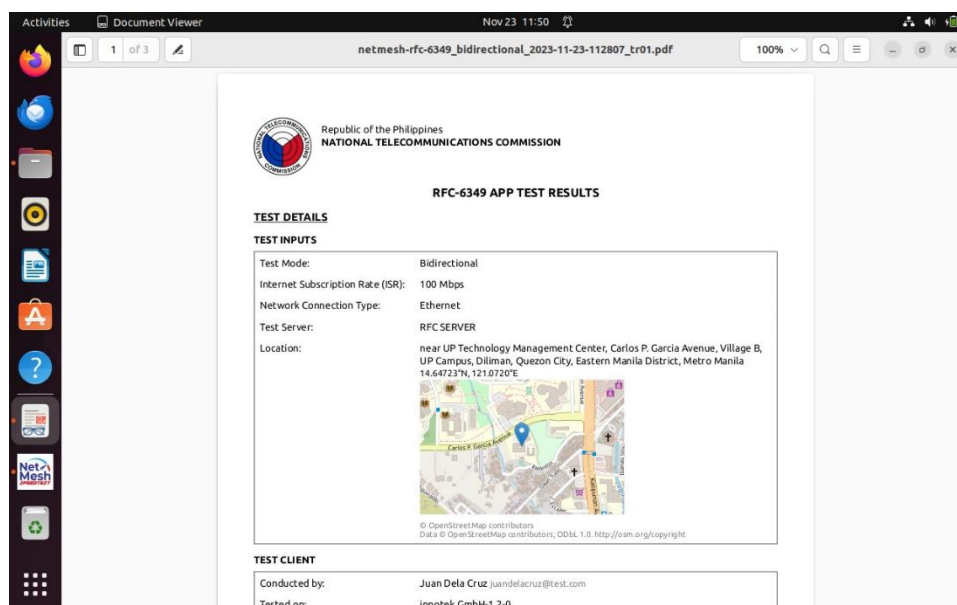


Figure 6: PDF File report

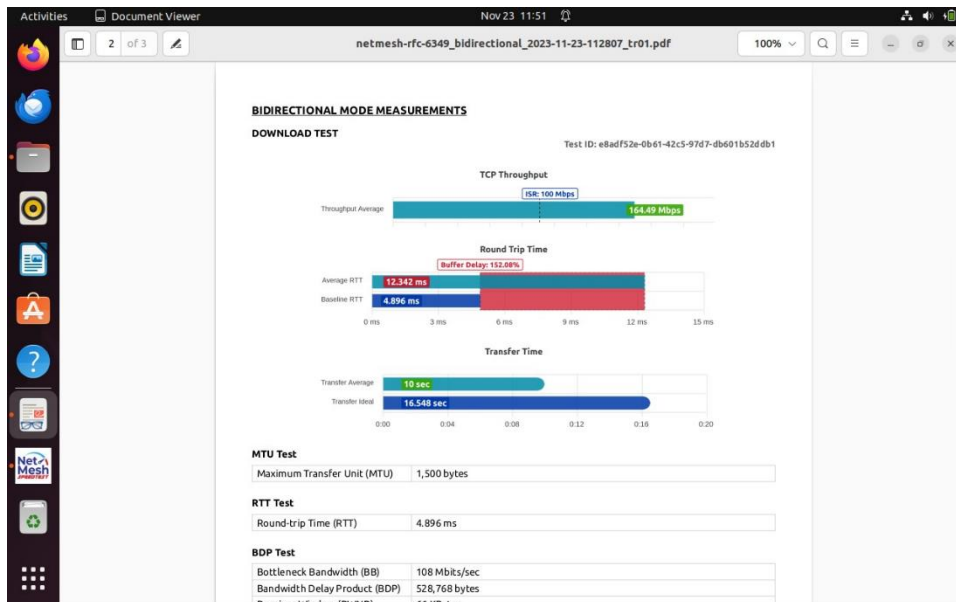


Figure 6.1: PDF File report- Download test

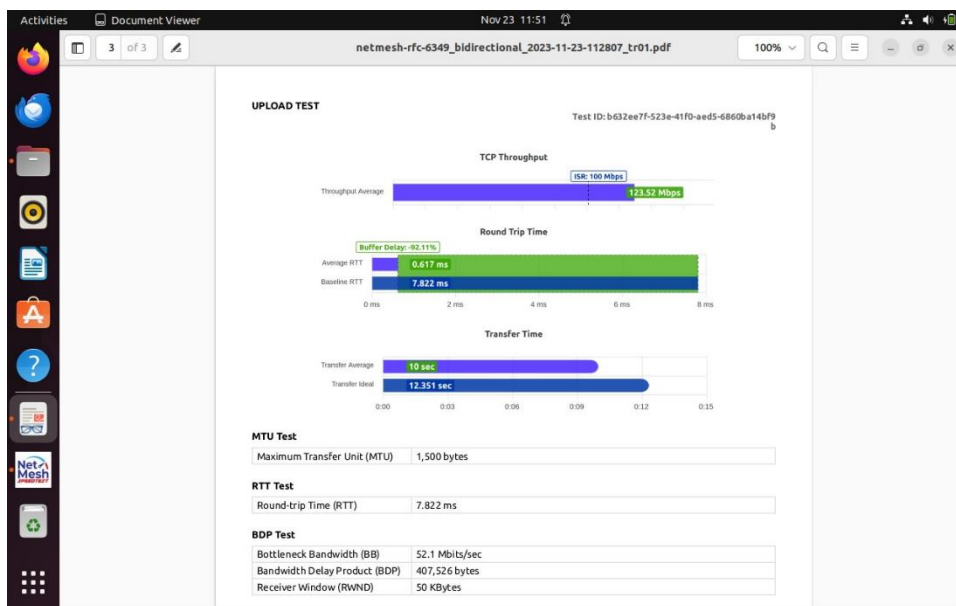


Figure 6.2: PDF File report- Upload test

10. **Auto Repeat Test** – Allow NTC personnel to automatically repeat the test by entering the number of times they want to repeat it.

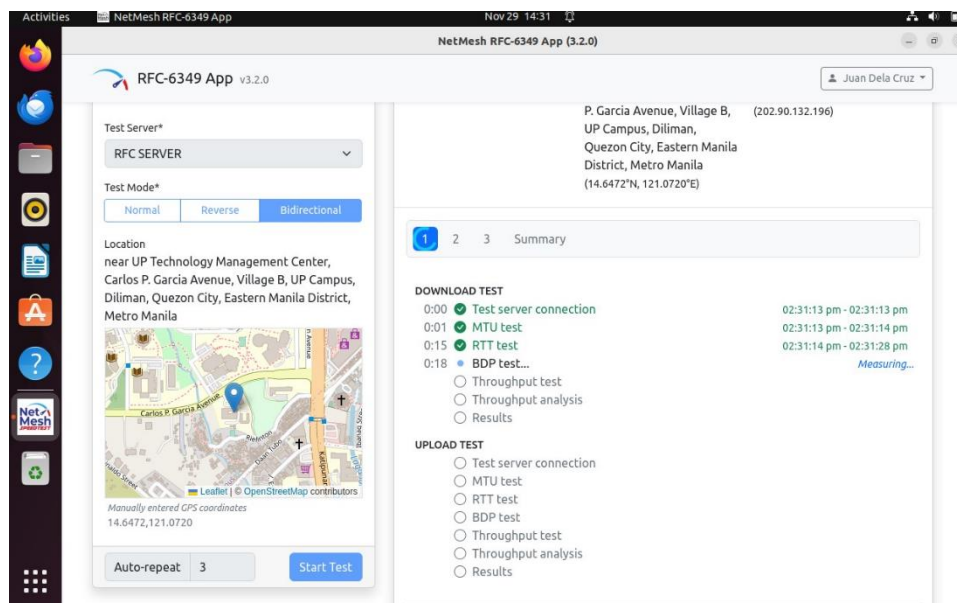


Figure 7: Auto Repeat- Conducting a test

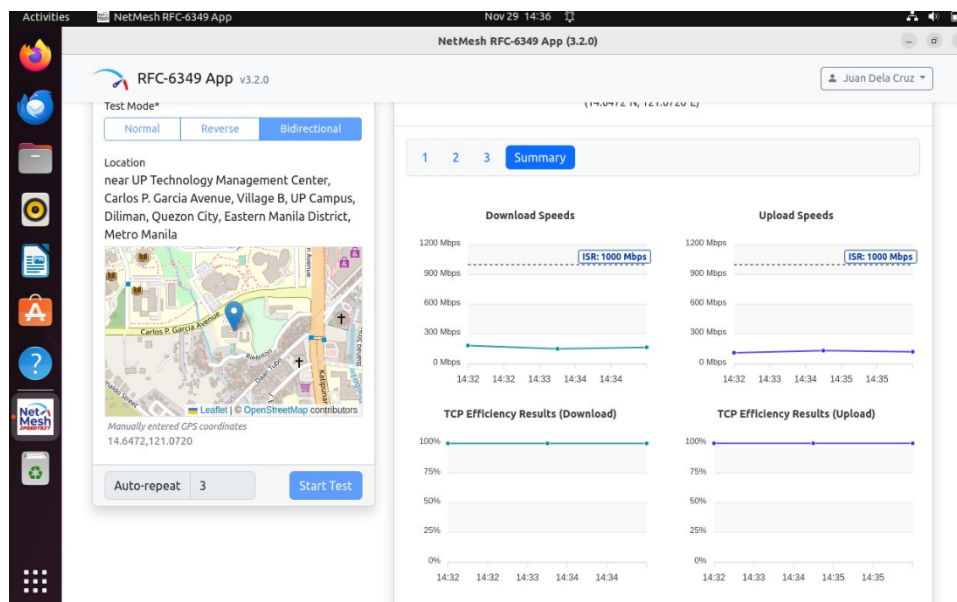


Figure 7.1: Auto repeat- Summary Results

Frequently Asked Question:

1. What is RFC-6349 App?

Answer: RFC-6349 App is a fixed speed test software that measures the quality of service of the ISP for Filipino households. This App is internally used by the NTC.

2. What is the basis of the test measurement of the App?

Answer: The test measurement of the App is based on the “Framework for TCP Throughput Testing” documentation (<https://datatracker.ietf.org/doc/html/rfc6349>) created by the Internet Engineering Task Force (IETF)

3. Who can use the App?

Answer: Field testers are the main users of the App. However, to install the App, an administrator must do the laptop registration part of the App.

4. Can I create another Ubuntu user to use the App separately from other Ubuntu users?

Answer: No

5. Can I use the App without Internet connection?

Answer: No, this App is Internet dependent because the primary purpose of the App is to measure the Internet speed of the household.

6. Where do I get the Internet Subscription Rate of the household?

Answer: Please ask someone in the household about their Internet subscription plan.

7. No one in the household knows the ISR. Can I still conduct the speed test on the App?

Answer: You cannot conduct the speed test without the ISR. To conduct the speed test, you may still enter any value of ISR from 1 to 1,000.

8. I forgot the LAN cable. Can I still conduct the speed test on the App?

Answer: No, you must connect a LAN cable to the household's router before conducting the test.

9. Can I perform the speed test using Wi-Fi?

Answer: Highly discouraged, this App is applying the RFC-6349 methodology which focuses on Ethernet-terminated services.

10. Can I conduct a speed test multiple times in one click?

Answer: Yes, you can set up to 30 times the speed test will repeat automatically in one click.

11. I set auto-repeat to more than 1, then the first speed test is successful, but the succeeding speed test fails. Can I continue the multiple speed tests? What will happen to the results of the successful tests?

Answer: You can continue the multiple tests. Repeat the speed test that failed. Successful tests are automatically sent to the results server. You may already save the successful tests in one PDF report.