Sadik Sarrowar:

"Thank you, Durjoy, for setting the stage. Good morning, everyone. My name is Sadik Sarrowar, and I will walk you through the tests we conducted and the challenges we encountered during our project.

Let's start with the tests:
Our goal was to verify the functionality and reliability of the network. We conducted several key tests, including:

1. Ping Tests:

PC-to-PC ping tests ensured that devices in the same network could communicate.

PC-to-server ping tests confirmed that the server was reachable.

2. Accessing the Web Server:

We hosted a small website on the server and accessed it from client devices to verify its functionality.

3. IoT Device Control:

We tested IoT device functionality by sending commands from PCs and observing the device's response.

Despite these successes, we faced some challenges:

1. Routing Configuration:

Initially, our routing protocols didn't align, causing connectivity issues. This required us to carefully reconfigure the protocols.

2. IoT Device Connectivity:

Some IoT devices had difficulty connecting to the network due to wireless settings. Adjustments to the wireless configurations resolved this problem.

Overcoming these challenges taught us valuable lessons in troubleshooting and problem-solving. I'll now pass it over to Nadia Sultana Moon to discuss what we learned and our future plans for improvement. Thank you."