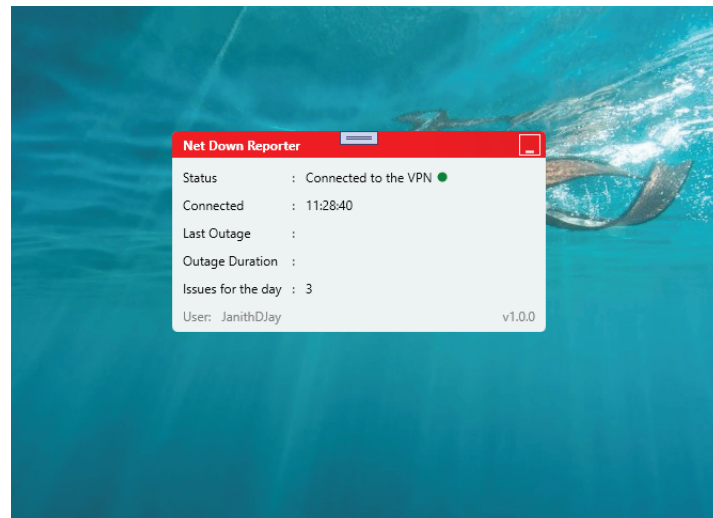


Net Down Reporter

A Desktop application to monitor network connectivity and to report any incidents of outage to the GPS Work From Home Issue tracker.



Description of the Application

Net down reporter is a minimal desktop application to monitor the connectivity changes of the user's system. The application detects changes of the network adapters and monitor if the user is connected to the Organization's secure network.

Once the application detects an outage, it automatically submit a report to the GPS Work From Home Issue tracker with required information. This prevents any manual process of submissions from the staff and enable the organization to collect more accurate data on such incidents.

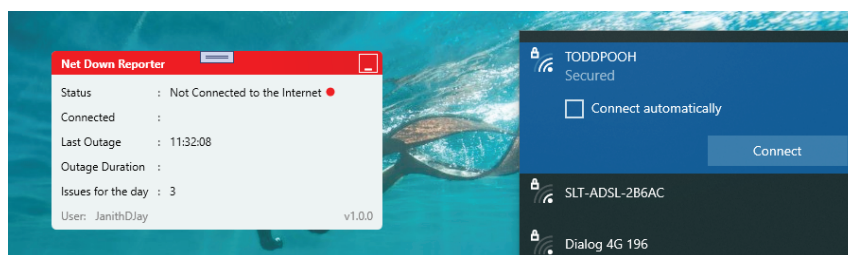


Figure 2. When the user is not connected to the Internet

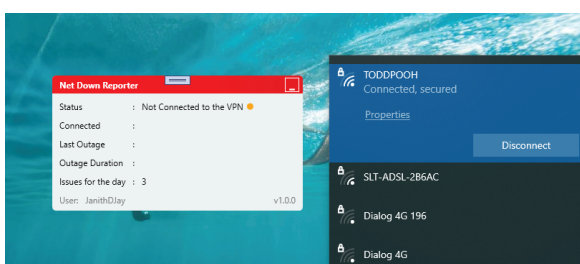


Figure 3. Connected to the Internet but not to the VPN

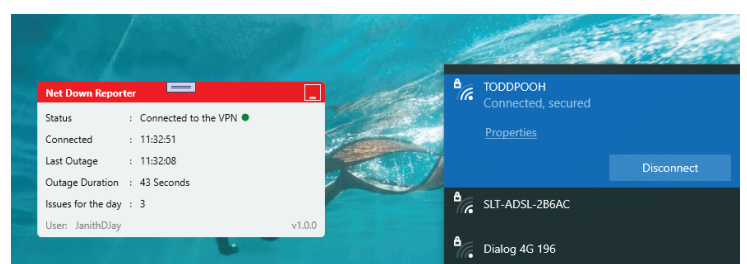


Figure 4. When the user is connected to a specific VPN

Features

- Monitor network connectivity.
- Detect when network disconnects and reconnects. (Figure 2, 3 , 4)
- Calculate duration of the network outage.
- Automatically submit issue to the GPS Work From Home Issue Tracker.
- Minimal memory usage and hence no impact on system resources. (Figure 5)
- Notifications to display relevent information to the user. (Figure 6)

Application in use

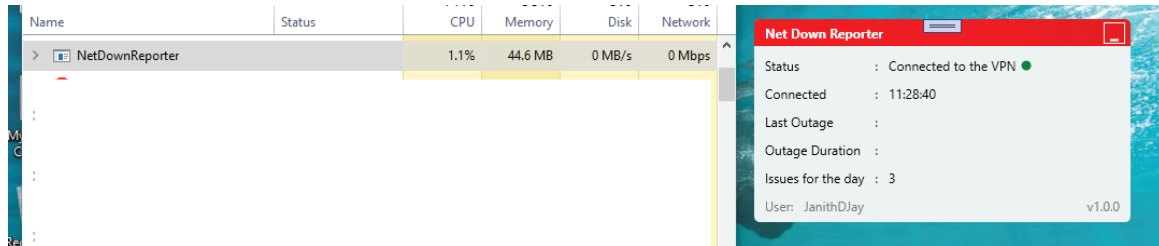


Figure 5. Minimal system resources used

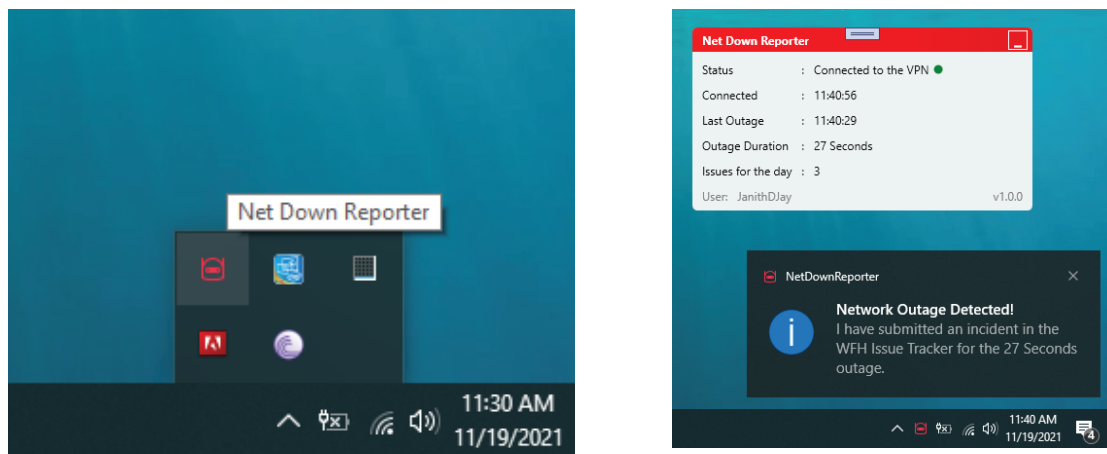


Figure 6. System tray notifications to notify users