

Project Title: Router Setup Using a Mobile Device
For small office

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Objective:

To configure a router for a small office network using a smartphone or tablet.

Requirements:

1. A smartphone or tablet.
 2. The router's power adapter and necessary cables.
 3. Router's default admin credentials (usually found on a label on the router).
 4. Internet connection details (if provided by an ISP).
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Steps:

1. **Connect the Router:**
 - Plug the router into a power source.

- Connect the WAN (Internet) port of the router to the modem using an Ethernet cable.

2. Connect the Mobile Device to the Router:

- Open Wi-Fi settings on your mobile device.
- Find the router's default Wi-Fi name (SSID) and connect using the password provided on the router's label.

3. Access the Router's Setup Page:

- Open a browser on your mobile device.
- Enter the default IP address (e.g., 192.168.1.1 or 192.168.0.1) into the browser's address bar.
- Log in using the default username and password (e.g., admin/admin).
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4. Set Up the Internet Connection:

- Navigate to the "Internet" or "WAN" settings.
- Select the connection type (Dynamic IP, Static IP, PPPoE, etc.) as per ISP instructions.
- Enter any required credentials.

5. Set Up Wi-Fi:

- Go to the "Wireless" or "Wi-Fi" settings.
- Change the default SSID to a custom name (e.g., "OfficeNetwork").
- Set a strong Wi-Fi password using WPA3 or WPA2 encryption.

6. Configure Additional Settings:

- Enable the router's firewall for security.
- Update the router firmware if a newer version is available.
- Set up parental controls or guest networks, if needed.

7. Save and Reboot:

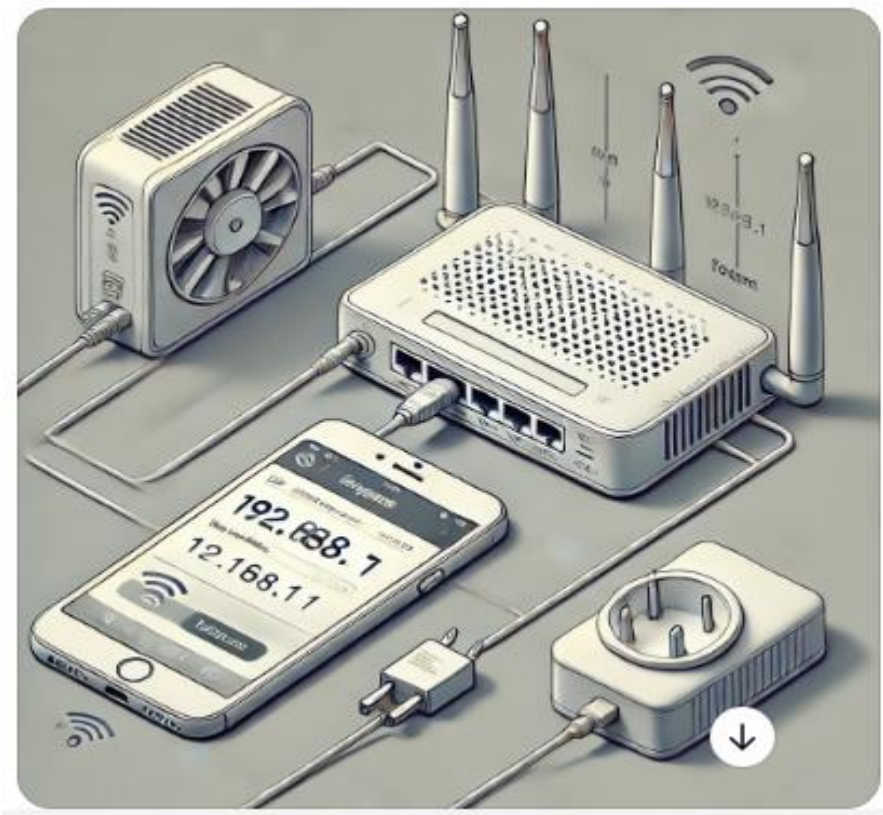
- Save all settings.
- Reboot the router to apply changes.

8. Verify the Connection:

- Ensure that all devices can connect to the internet.
- Test both wired and wireless connections.

Diagram: Mobile Device Accessing Router Setup Page

Let me create a diagram for this!



Here's the diagram showing a mobile device accessing the router setup page.

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