specific details for the Wi-Fi Access Points (APs) using in the project:

* Wi-Fi Standard: 802.11ac (Wi-Fi 5)
* Frequency Bands: 2.4 GHz
* Security Protocols: WPA2
* Signal Strength: Adjustable output power (configured based on range)
* Channel Selection: Auto
* SSID: Unique identifiers for each AP (e.g., AP1, AP2)
* Data Rate: Up to 300mbps
* Antennas: External and internal (router and mobile hotspot)
* Coverage Area: 30-50 meters
* Power Source: AC adapter
* IP Configuration: Static IPs for each AP (configured manually)