**LG Electronics – Vehicle Component Solutions**

**Development Center in Vietnam**

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**[Senior 3y] TECHNICAL EXAMINATION**

**Candidate Name: Date:**

**Position applying:**

**Duration: 30min**

**Exercise:**

* Make a checklist to test for **devices connection** feature as below.
* Then, choose one item in checklist to make Test cases accordingly.

**Function**: **devices connection**

Device B

Device A

Device C

**Description**:

* Device A is called master device, Device B and C are called slave device
* People can plug-in any slave device to device A anytime
* Maximum 2 slave devices can connect with master device A but only 1 slave device can transfer data at the same time
* If Slave devices are the same types, transfer data active for the first device is plug-in
* If Slave devices are the different types, transfer data active for the last device is plug-in
* If transfer data process is interrupted. An message display said “Transfer data interrupted by other device”
* If a slave device is transfer data, unplug then 🡪 the rest slave device can transfer data.

**(Re-write for easier understanding – English writing)**

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**[Senior] TECHNICAL EXAMINATION #1**

**Candidate Name: Date:**

**Position applying:**

**Duration: 30 mins**

**Question:**

* Make a checklist to test for share **wifi hotspot** featureas requirement below.
* Then, choose one item in checklist to make Test cases accordingly.

**Function**:

You want to share wifi hotspot via mobile phone.

1. It needs to be encrypted by a password as below rules:

+ Number of letter is from 8 to 16

+ Contain both characters, numbers (special characters is not allowed)

1. Hotspot disconnected by itself if have no any device connect after 15 minutes or out of data
2. Hotspot can share to maximum 8 devices at the same time.
3. During mobile share hotspot, its still us

**Precondition:**

During testing for the system above, you can:

1. Your phone have SIM 3G/4G data. Maximum data is 2GB/day. If
2. Can add money for SIM card to buy Data