

Table : group

Attribute name	Attribute value
groupid (primary key)	text
imageurl	text

```
CREATE TABLE product_service.group (  
    groupid text PRIMARY KEY,  
    imageurl text  
) WITH bloom_filter_fp_chance = 0.01  
    AND caching = {'keys': 'ALL', 'rows_per_partition': 'NONE'}  
    AND comment = "  
    AND compaction = {'class':  
'org.apache.cassandra.db.compaction.SizeTieredCompactionStrategy', 'max_threshold': '32',  
'min_threshold': '4'}  
    AND compression = {'chunk_length_in_kb': '64', 'class':  
'org.apache.cassandra.io.compress.LZ4Compressor'}  
    AND crc_check_chance = 1.0  
    AND dclocal_read_repair_chance = 0.1  
    AND default_time_to_live = 0  
    AND gc_grace_seconds = 864000  
    AND max_index_interval = 2048  
    AND memtable_flush_period_in_ms = 0  
    AND min_index_interval = 128  
    AND read_repair_chance = 0.0  
    AND speculative
```

Sample data:

```
[
  {
    groupId: "book",
    imageUrl:
      "https://images.unsplash.com/photo-1541963463532-d68292c34b19?ixlib=rb-1.2.1&ixid=eyJhcHBfaWQiOjEyMDd9&auto=format&fit=crop&w=634&q=80"
  },
  {
    groupId: "footwear",
    imageUrl:
      "https://images.unsplash.com/photo-1525966222134-fcfa99b8ae77?ixlib=rb-1.2.1&ixid=eyJhcHBfaWQiOjEyMDd9&auto=format&fit=crop&w=643&q=80"
  },
  {
    groupId: "home and living",
    imageUrl:
      "https://images.unsplash.com/photo-1513161455079-7dc1de15ef3e?ixlib=rb-1.2.1&ixid=eyJhcHBfaWQiOjEyMDd9&auto=format&fit=crop&w=2134&q=80"
  },
  {
    groupId: "women clothing",
    imageUrl:
      "https://images.pexels.com/photos/1536619/pexels-photo-1536619.jpeg?auto=compress&cs=tinysrgb&dpr=2&h=750&w=1260"
  },
  {
    groupId: "grocery",
    imageUrl:
      "https://images.unsplash.com/photo-1526470498-9ae73c665de8?ixlib=rb-1.2.1&ixid=eyJhcHBfaWQiOjEyMDd9&auto=format&fit=crop&w=1202&q=80"
  },
  {
    groupId: "men clothing",
    imageUrl:
      "https://images.unsplash.com/photo-1514222709107-a180c68d72b4?ixlib=rb-1.2.1&ixid=eyJhcHBfaWQiOjEyMDd9&auto=format&fit=crop&w=687&q=80"
  }
]
```

GROUP_CATEGORY

Attribute name	Attribute value
group	text
category	text
imageurl	text

```
CREATE TABLE product_service.group_category (  
    group text,  
    category text,  
    imageurl text,  
    PRIMARY KEY (group, category)  
) WITH CLUSTERING ORDER BY (category ASC)  
    AND bloom_filter_fp_chance = 0.01  
    AND caching = {'keys': 'ALL', 'rows_per_partition': 'NONE'}  
    AND comment = "  
    AND compaction = {'class':  
'org.apache.cassandra.db.compaction.SizeTieredCompactionStrategy', 'max_threshold': '32',  
'min_threshold': '4'}  
    AND compression = {'chunk_length_in_kb': '64', 'class':  
'org.apache.cassandra.io.compress.LZ4Compressor'}  
    AND crc_check_chance = 1.0  
    AND dclocal_read_repair_chance = 0.1  
    AND default_time_to_live = 0  
    AND gc_grace_seconds = 864000  
    AND max_index_interval = 2048  
    AND memtable_flush_period_in_ms = 0  
    AND min_index_interval = 128  
    AND read_repair_chance = 0.0  
    AND speculative_retry = '99PERCENTILE';
```

SAMPLE DATA :

```
[
  {
    groupId: "footwear",
    categoryId: "women sports shoe",
    imageUrl:
      "https://assets.myntassets.com/h_1440,q_90,w_1080/v1/assets/
      /images/10527298/2020/6/29/93ca3d12-df98-414a-a318-b60d5faa
      20321593429362369HRXbyHrithikRoshanWomenBlueWireKnitRunning
      shoe1.jpg"
  },
  {
    groupId: "books",
    categoryId: "autobiography",
    imageUrl:
      "https://www.amazon.in/images/I/512aq+FfOPL._SY344_BO1,204,
      203,200_.jpg"
  },
  {
    groupId: "home and living",
    categoryId: "chair",
    imageUrl:
      "https://images.unsplash.com/photo-1541558869434-2840d30832
      9a?ixlib=rb-1.2.1&ixid=eyJhcnBfaWQiOjEyMDd9&auto=format&fit
      =crop&w=1349&q=80"
  },
  {
    groupId: "women clothing",
    categoryId: "jacket and shrug",
    imageUrl:
      "https://assets.myntassets.com/h_1440,q_90,w_1080/v1/assets/
      /images/11843298/2020/6/2/73b26e9b-ce22-4ba1-9966-4acfe1f68
      9bb1591114861386MANGOWomenWhiteampBlackStripedRoundNeckT-sh
      irtTshirtsMANGOWo1.jpg"
  },
  {
    groupId: "grocery",
    categoryId: "baked",
    imageUrl:
      "https://images.unsplash.com/photo-1555507036-ab1f4038808a?
      ixlib=rb-1.2.1&ixid=eyJhcnBfaWQiOjEyMDd9&auto=format&fit=cr
      op&w=1226&q=80"
  },
  {
    groupId: "grocery",
    categoryId: "vegetables",
  }
]
```

```

        imageUrl:
"https://images.unsplash.com/photo-1518843875459-f738682238a6?ixlib=rb-1.2.1&ixid=eyJhcHBfaWQiOjEyMDd9&auto=format&fit=crop&w=500&q=60"
    },
    {
        groupId: "men clothing",
        categoryId: "jeans",
        imageUrl:
"https://images.unsplash.com/photo-1541099649105-f69ad21f3246?ixlib=rb-1.2.1&ixid=eyJhcHBfaWQiOjEyMDd9&auto=format&fit=crop&w=634&q=80"
    }
]

```

CATEGORY_ITEM

<u>Attribute name</u>	<u>Attribute value</u>
<u>categoryid</u>	<u>text</u>
<u>groupid</u>	<u>text</u>
<u>itemid</u>	<u>text</u>
<u>description</u>	<u>map<text,text></u>
<u>imageurl</u>	<u>text</u>
<u>price</u>	<u>float</u>
<u>seller</u>	<u>text</u>
<u>size</u>	<u>set<text></u>
<u>title</u>	<u>text</u>

```

CREATE TABLE product_service.category_item (
    categoryid text,
    groupid text,
    itemid text,
    description map<text, text>,
    imageurl text,
    price float,
    seller text,
    size set<text>,
    title text,
    PRIMARY KEY (categoryid, groupid, itemid)
) WITH CLUSTERING ORDER BY (groupid ASC, itemid ASC)
    AND bloom_filter_fp_chance = 0.01
    AND caching = {'keys': 'ALL', 'rows_per_partition': 'NONE'}
    AND comment = ''
    AND compaction = {'class':
'org.apache.cassandra.db.compaction.SizeTieredCompactionStrategy', 'max_threshold': '32',
'min_threshold': '4'}
    AND compression = {'chunk_length_in_kb': '64', 'class':
'org.apache.cassandra.io.compress.LZ4Compressor'}
    AND crc_check_chance = 1.0
    AND dclocal_read_repair_chance = 0.1
    AND default_time_to_live = 0
    AND gc_grace_seconds = 864000
    AND max_index_interval = 2048
    AND memtable_flush_period_in_ms = 0
    AND min_index_interval = 128
    AND read_repair_chance = 0.0
    AND speculative_retry = '99PERCENTILE';

```

```
[{
  categoryId: "jacket and shrug",
  groupId: "women clothing",
  itemId: "d3e41c77-970b-4bb7-aecb-9e113a30518f",
  imageUrl:
    "https://assets.myntassets.com/h_1440,q_90,w_1080/v1/assets/images/11843298/2020/6/2/73b26e9b-ce22-4ba1-9966-4acfe1f689bb1591114861386MANGOWomenWhiteampBlackStripedRoundNeckT-shirtTshirtsMANGOWol.jpg",
  title: "AND",
  seller: "truenet commerce",
  size: [
    "l",
    "m",
    "s",
    "xl"
  ],
  price: 1900,
  description: {
    brand: "AND",
    care: "machine wash",
    color: "offwhite",
    fit: "slim",
    length: "Above knee",
    material: "Material: 56% lyocell, 44% cotton",
    neck: "Lapel Collar",
    occasion: "casual",
    print and pattern: "solid",
    sleeve: "sleeveless",
    transparency: "opaque"
  }
},
{
  categoryId: "beverages",
  groupId: "grocery",
  itemId: "2c8b9bdc-6cba-49d6-8ea3-1a8ccf9eb3c8",
  imageUrl:
    "https://www.bigbasket.com/media/uploads/p/1/1204514_2-bournvita-pro-health-drink-chocolate.jpg",
  title: "bournvita",
  seller: "prashanti whole sale",
  size: null,
  price: 150,
  description: {
    quantityt: "1kg"
  }
},
{

```

```

        categoryId: "chair",
        groupId: "home and living",
        itemId: "ff97c642-57ed-4545-82d5-ce36ee21f030",
        imageUrl:
"https://images.unsplash.com/photo-1506439773649-6e0eb8cfb237?ixlib=rb-1.2.1&ixid=eyJhcnBfaWQiOjE5MDd9&auto=format&fit=crop&w=634&q=80",
        title: "Bohemiana",

seller: "truenet commerce",
size: null,
price: 1800,

description: {
    Assembly: "No Assembly Required",
    Brand: "Bohemiana",
    Collection: "Yello Halo",
    Color: "brown",
    Dimensions: "H 36 x W 16 x D 16 ; Seating Height : 18 (All Dimension in Inches)",
    Primary Material: "wood",
    Room Type: "Dining Room",
    Warranty: "36 Months' Warranty",
    Weight: "5.75 KG"
}
},
{

categoryId: "formal shoes",
groupId: "footwear",
itemId: "34934583-47b5-4e46-b221-a868b8d17356",
imageUrl:
"https://assets.myntassets.com/h\_1440,q\_90,w\_1080/v1/assets/images/11579556/2020/3/9/0b0acba5-2202-42bf-9cc4-0e3c6a7c9b481583747288841-Louis-Philippe-Men-Burgundy-Leather-Formal-Brogues-496158374-1.jpg",
title: "Woodland",
seller: "truenet commerce",
size: [
    "10",
    "5",
    "6",
    "7",
    "8",
    "9"
],
price: 1800,
description: {
    ankle length: "Regular",
    brand: "Woodland",
    color: "brown",
    fit: "comfort",
    material: "leather",

```



```

        occasion: "Brogues",
        warranty: "3 months"
    }
},
{
    categoryId: "fiction",
    groupId: "book",
    itemId: "f38354ff-27ec-495a-89ff-8189c6e43147",
    imageUrl:
"https://kbimages1-a.akamaihd.net/70ee63f2-8c0a-48e6-8058-60d8cc633641/1200/1200/False/harry-potter-and-the-goblet-of-fire-6.jpg",
    title: "harry potter and the goblet of fire",
    seller: "Hansel books",
    size: null,
    price: 500,
    description: {
        Language: "English",
        Paperback: "384 pages",
        Product Dimensions: "19.7 x 2.5 x 12.9 cm",
        author: "J.K. Rowling",
        bookTitle: "harry potter and the goblet of fire",
        condition: "new",
        publisher: "Bloomsbury Children's Books; Latest edition (3
        September 2014)"
    }
}
]

```