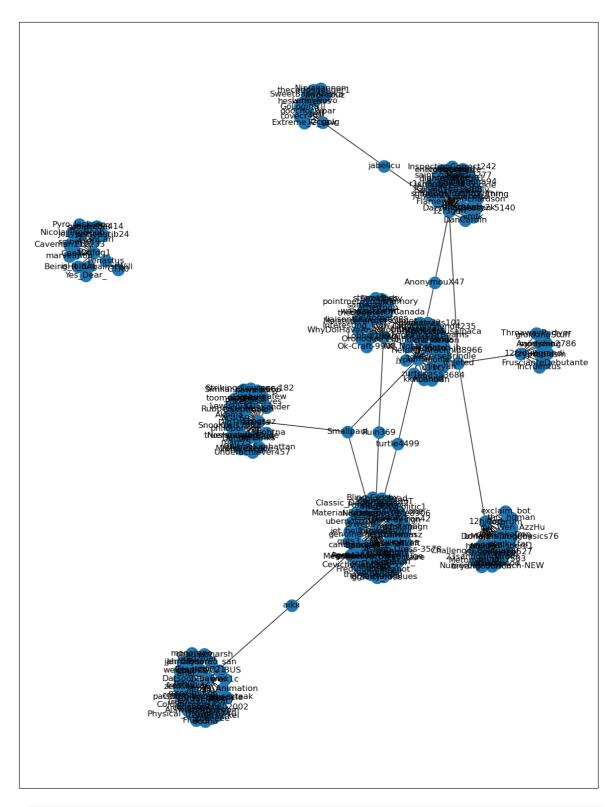```
In [1]: import pandas as pd
        import numpy as np
        import networkx as nx
        from pyvis.network import Network
        import matplotlib.pyplot as plt
```

```
In [2]: comment_df = pd.read_csv('comment.csv')
        comment_df.info()
```

```
<class 'pandas.core.frame.DataFrame'>
RangeIndex: 325 entries, 0 to 324
Data columns (total 8 columns):
 #   Column       Non-Null Count  Dtype
---  ------       --------------  -----
 0   comment_id   325 non-null    object
 1   post_id      325 non-null    object
 2   parent_id    325 non-null    object
 3   body         325 non-null    object
 4   created_on   325 non-null    object
 5   upvotes      325 non-null    int64
 6   author_id    325 non-null    object
 7   author_name  325 non-null    object
dtypes: int64(1), object(7)
memory usage: 20.4+ KB
```

```
In [3]: Graph = nx.from_pandas_edgelist(
            comment_df,
            source='post_id',
            target='author_name',
            edge_attr='upvotes'
        )

        plt.figure(figsize=(15,20))
        nx.draw_networkx(Graph,with_labels=True)
```

```
In [4]:  net = Network(notebook=True,cdn_resources='remote')
         net.from_nx(Graph)
         net.show("comments_network.html")
```

comments_network.html