```
                                    ┌──────────────┐
                                    │   Tweeter    │
                                    └──────┬───────┘        User will tweet with
                                           │                hashtag
                                    ┌──────▼───────┐
                                    │    Tweet     │
                                    └──────┬───────┘
                                           │
The tweets will be filtered         ┌──────▼───────┐              ┌───────┐    ┌──────────────┐
by producer based on                │   Producer   │              │ Start │◄───│   Docker     │
hashtags, and each tweet            └──────┬───────┘              └───┬───┘    └──────────────┘
will be sent to the                        │                         │
corresponding genre that                   │                         │        Docker will start the kafka
matches the hashtag.                ┌──────▼───────┐              ┌───▼──────────────┐   broker and zookeeper
                                    │ Stored Data  │─────────────►│  KAFKA Broker    │   with the predefined
                                    └──────────────┘              └───┬──────────┬───┘   images by running the
                                                                      │          │       docker-compose.yml file.
                              ┌───────────────────────────────────────┘          └──────────────────┐
                              │                                                                      │
                       ┌──────▼──────────┐                                              ┌────────────▼──────┐
                       │ Consumer Clinet1│                                              │ Consumer Client2  │
                       └──────┬──────────┘                                              └────────────┬──────┘
                              │                                                                      │    Tweet will be stored
                              └───────────────────────────┐          ┌────────────────────────────┘     automatically in
                                                          │          │                                  database as soon as
                                                     ┌────▼──────────▼───┐                               message is arrived in
                                                     │    Database       │                               kafka broker.
                                                     └───────────────────┘
```