**2016-Fall, CS543, Team Programming Assignment Report**

**Hashtag Image Sharing Service**

1. **Overall approach (Architecture)**
2. **Implementation Details**

We have used HBMQTT, a python broker and Paho MQTT Android, a Java Android client library supported by Eclipse.

* 1. **Broker**

Broker itself

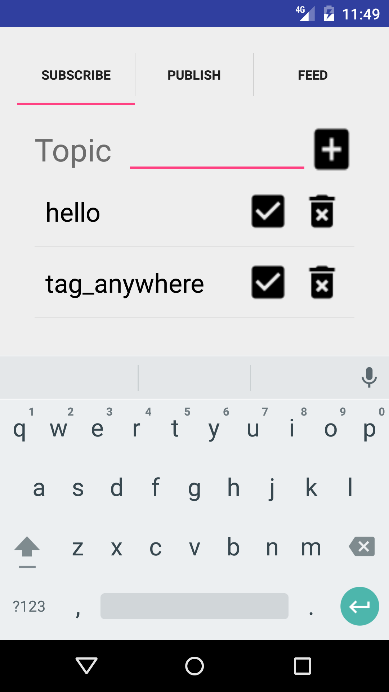
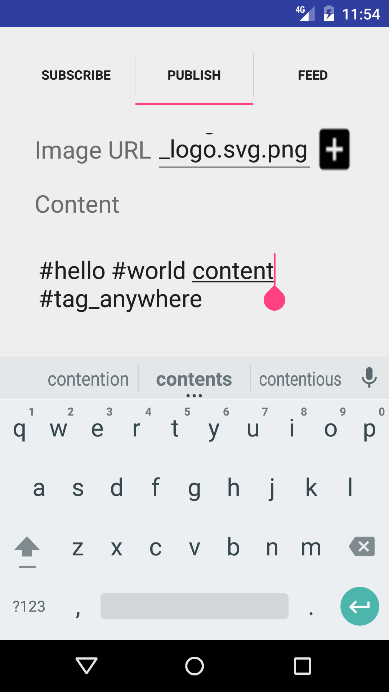
* 1. **Client**

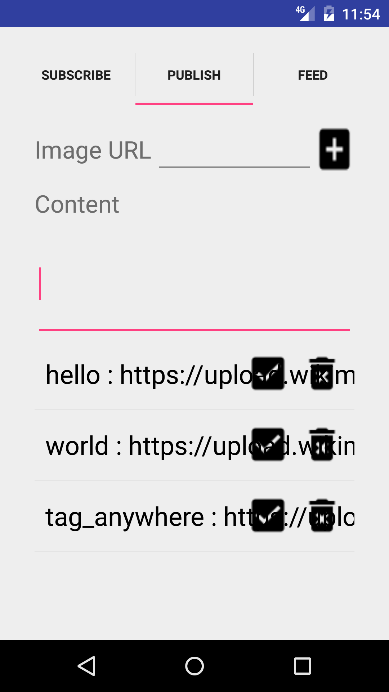
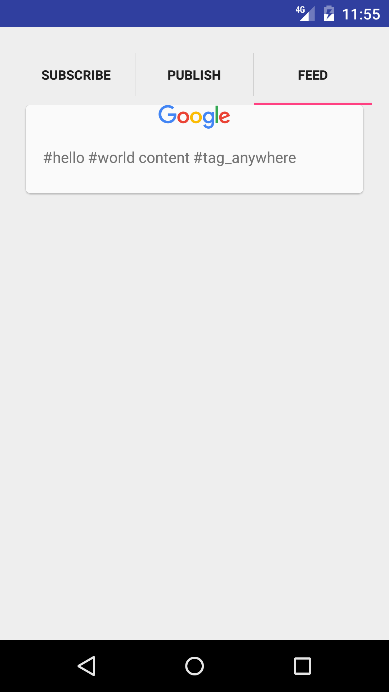
MqttClientManager -> Singleton Pattern

1. **Work Distribution**

|  |  |  |
| --- | --- | --- |
| **Name** | **Student ID** | **Task** |
| Byungsoo Ko |  | Sub Tab |
| Hayoung Choi |  | MQTT library example analysis  Dependency control of MQTT Library |
| Jaewon Kim |  | Pub Tab  Tag Listview |
| Mingyu Jin | 20163628 | MQTT library research  Link MQTT Client library  Multiple Tags support |
| Sanggyu Nam |  | Project building and Feed Tab |

1. **Screenshots**

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