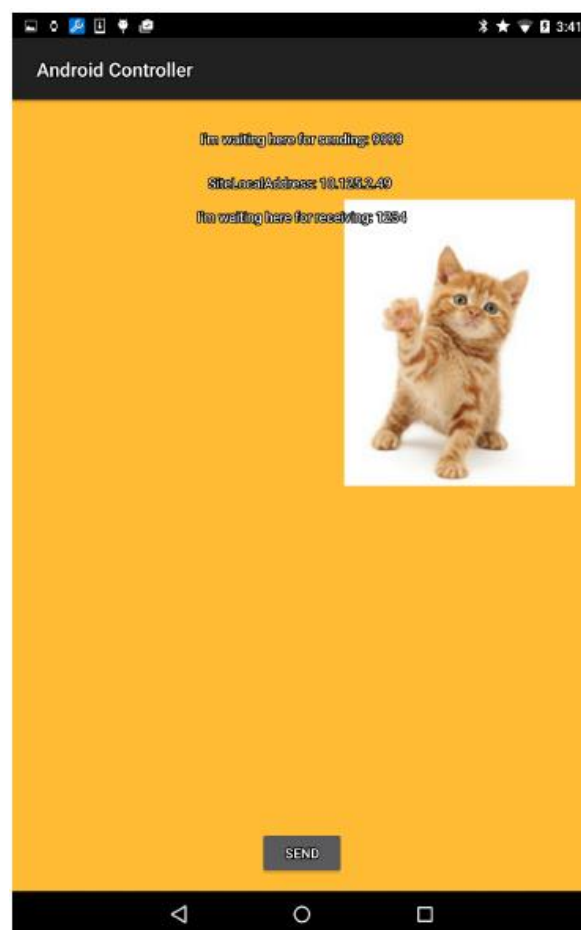


Mohamed Gharibi 7

Collecting training and recommendation file from Instagram:

Collected training data and recommendation file from Instagram.

- ▼ instadata
 - ▶ bird
 - ▶ cat
 - ▶ dog
 - ▶ fish
 - ▶ fox
 - ▶ mouse
 - ▶ rabbit
 - ▶ squirrel
 - ▶ tortoise
 - ▶ recommendation.txt



After an image got the classification from Spark

```
16/04/06 23:54:43 INFO TaskSchedulerImpl: Removed TaskSet 0.0,
16/04/06 23:54:43 INFO DAGScheduler: ResultStage 8 (take at Na
16/04/06 23:54:43 INFO DAGScheduler: Job 7 finished: take at P
0.0 1.0 2.0 3.0 4.0 5.0 6.0 7.0 8.0
16/04/06 23:54:43 WARN BLAS: Failed to load implementation fro
16/04/06 23:54:43 WARN BLAS: Failed to load implementation fro
Predicting test image : mouse
mouse
16/04/06 23:54:43 INFO JobScheduler: Finished job streaming jo
16/04/06 23:54:43 INFO JobScheduler: Total delay: 11.695 s for
16/04/06 23:54:43 INFO JobScheduler: Starting job streaming jo
16/04/06 23:54:43 INFO SparkContext: Starting job: collect at
-----
```

Recommendation part:

```
16/04/07 15:38:08 INFO TaskSetManager: Finished
Category recommended for you:
Rating(1,4,2.746520747058148)
1: fish
Rating(1,8,2.7696727736995252)
2: squirrel
Rating(1,8,2.7696727736995252)
3: squirrel
Rating(1,5,2.3658216968831347)
4: fox
Rating(1,5,2.3658216968831347)
5: fox
Rating(1,5,2.3658216968831347)
6: fox
Rating(1,5,2.3658216968831347)
7: fox
Rating(1,2,2.7458398728611573)
8: cat
Rating(1,2,2.7458398728611573)
9: cat
Rating(1,2,2.7458398728611573)
10: cat
Rating(1,3,2.899951807081844)
11: dog
Rating(1,3,2.899951807081844)
12: dog
Rating(1,3,2.899951807081844)
13: dog
Rating(1,3,2.899951807081844)
14: dog
Rating(1,3,2.899951807081844)
15: dog
Rating(1,7,2.6388992784671856)
16: rabbit
Rating(1,7,2.6388992784671856)
17: rabbit
Rating(1,7,2.6388992784671856)
```

If the image matches the recommendation, then consistent notification will be sent. Otherwise, inconsistent notification will be sent.

