MicroFilters Requirements

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| --- | --- |
| REQ No.  1 | Project  MicroFilters |

Abstract

This document covers requirements for MicroFilters Phase 1.

| **Rev** | **Date** | **Author** | **Status** |
| --- | --- | --- | --- |
| 1 |  | Ji Lucas | First draft |
| 2 |  | Ji Lucas | Finalized 1st draft |
|  |  |  |  |

Distribution List

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MicroFilters Phase1

# Introduction

MicroMappers is the crowdsourcing micro-task platform that is customized from Pybossa platform. MicroMappers is consuming AIDR tweet collection data & Facebook public feed to render end users who is mostly volunteers during cries.

On phase 1, MicroFilters should expect to perform the below tasks:

1. MicroFilters should retrieve AIDR Collection data by user’s input URL.
2. MicroFilters should clean AIDR Collection data based on the business rule.
3. MicroFilters should generate file(s) to meet MicroMappers data feed format.
4. MicroFilters should extract image url(s) if AIDR data tweet contains image URL.
5. MicroFilters should extract youtube video id if AIDR data tweet contains youtube URL.
6. MicroFilters should place generated file(s) to public Location.
7. MicroFilters should post generated file location to AIDR-TRAINER-API
8. MicroFilters should generate its log to trace info/warning/error.

# Related Documents/Links/People

References in the text throughout this document appear in square brackets (e.g., [1], [JS]).

| **Reference** | **Document/Link/Person/Application** |
| --- | --- |
|  | MicroMappers http://clickers.micromappers.org/ |
|  | AIDR http://aidr-dev.qcri.org/AIDRFetchManager/ |
|  | Digital Humanitarian volunteers coordinator |
|  | Image Clicker http://clickers.micromappers.org/app/MM\_ImageClicker/ |
|  | Text Clicker http://clickers.micromappers.org/app/MM\_TextClicker/ |
|  | MicroFilters |
|  | Video Clicker http://clickers.micromappers.org/app/MM\_VideoClicker/ |
|  |  |

# Glossary

| **Term** | **Definition** |
| --- | --- |
| AIDR | Artificial Intelligence for Disaster Response : <http://aidr-dev.qcri.org/AIDRFetchManager/>  To use the application, user has to have twitter account |
| MicroMappers | A cloned customized of Pybossa platform for tagging by Digital Humanitarians http://clickers.micromappers.org/ |
| MicroFilters | A web application that will generate data for MicroMappers.  URL WILL BE : <http://microfilters.micromappers.org/>  I will contact our network admin to configure DNS. |
| AIDR Collection Data | Twitter data that is collected by AIDR based on configuration. AIDR Collection output |
| Text Clicker | App that displays tweet text only. Then, user selects one of options |
| Image Clicker | App that displays image only. Then, user selects one of options |
| Video Clicker | App that displays Youtube video only. Then, user selects all scenes that is related damage assessment. |
| MS VM | Microsoft Azure VM.  URL: qcricl1linuxvm2.cloudapp.net   |  | | --- | | ssh -p 62981 QCRIAdmin@qcricl1linuxvm2.cloudapp.net | | PW: Scqcri2 |   Testing App: <http://qcricl1linuxvm2.cloudapp.net:8081/hello/>  Glassfish server : <https://qcricl1linuxvm2.cloudapp.net:4848/>   * User name: admin * Pwd : admun |
| Users | End users who uses MicroFilters |
|  |  |
|  |  |

# Enhancement Scope

## Goals and Objectives

1. Build a web based application that handles incoming data from AIDR COLLECTION DATA.
2. Build a web based application that will generate data into well-formed MicroMappers required data format
3. Build a web based application that will be integrated to a part of clicker.micromappers.org easily.
4. Build a web based application that can extend easily without high cost.

## In Scope

1. An importer to handle incoming data from AIDR Collection Data.
2. Web user interface to upload file and, generate formatted file.
3. Web user interface to define file location where AIDR collection data is located.
4. Web user interface to define file destination where generated file(s) will be placed.
5. Server tier to log info, debug, warning, error for admin.
6. Server tier to file loading/generation transaction.

## Out of Scope

1. User login
2. Admin UI.
3. Automated or scheduled process.
4. Integration on MicroMappers UI

## Assumptions

1. Assumed that AIDR & AIDR-TRAINER-API is running without any interruption.
2. VM is stable to host microfilters.micromappers.org
3. Dropbox public folder location will be used to save MicroFilters files.
4. Destination of file location should be readable from configuration

## Constraints

1. MicroFilters should generate 1500 records per file. If more than 1500 records exists, MicroFilters should generate separate files. For example, AIDR Collection data contains 3100 records, MicroFilters should generate 3 files.
2. Accepted image extensions are .jpg, .png, .jpeg for image clicker.
3. Accept only youtube video only for video clicker.
4. Development should start with Image Clicker type file generation logic first.
5. We will have pre-defined destination of generated file(s). The destination should be read configuration setting info.
6. Dropbox will be used for production in July. Dev. & Testing stage, we will use our own dropbox. Therefore, dropbox location/url should be configuration via configuration setting

## Dependencies

1. Per crisis, AIDR Collection should generate collection data.

## Risks

1. Dependency on AIDR Collection status.
2. Dependency on AIDR-TRAINER-API
3. VM Status of hosting

# Requirements

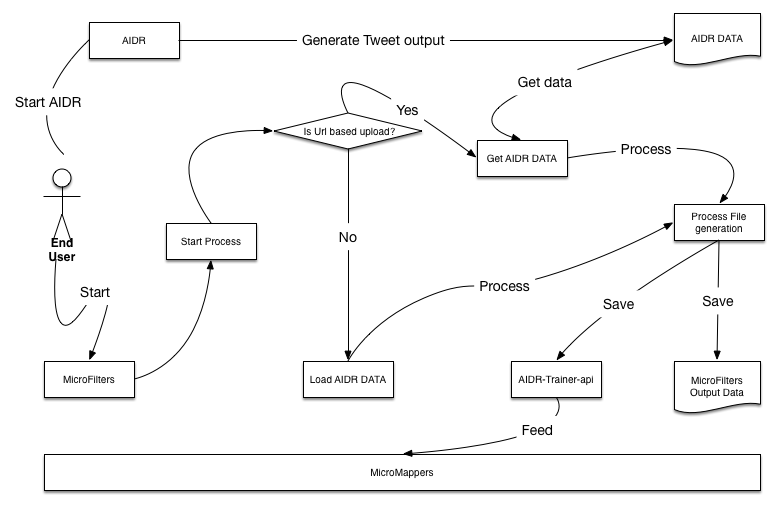
The following subsections define software requirements. Each requirement is labeled as follows:

* **ID.** The unique identifier for the requirement.
* **Requirement.** A clear and concise description of the requirement.
* **Source.** A cross-reference to the source of the requirement.
* **Cat**egory**.** A classification for the requirement using the selections from Table 1.

Table 1 - Requirement Categories

| **Category** | **Description** |
| --- | --- |
| **M**andatory | Required minimum functionality. |
| **O**ptional | Nice to have and will be implemented if time permits. |
| **F**uture | Will not be implemented now but should be considered for a future enhancement. |
| **D**ropped | Requirement determined to be completely out of scope **after** baseline. |
| **E**xisting | Functionality already present in the software (for documentation purposes). |
| **Op**erational | Will not be addressed in the software (documented for training purposes). This requirement should have a related item in the issue list in order to identify an owner. |

## Overview



## File Import Requirements

### General Requirements

| **ID** | **Requirement** | **Source** | **Cat** |
| --- | --- | --- | --- |
| .1 | User should be able to upload a file via UI to generate a file   1. User should be able to upload a file from her/his workstation. 2. User should be able to upload a file by entering URL in text box 3. The system should give process bar & estimated time to user 4. User should be able to set destination location of processed file(s) |  | M |
| .2 | Microfilters will generate file in destination location |  | M |
| .2.1 | Destination location should be read from configuration setting |  | M |
| .2.1 | Microfilters will post file location to aidr-trainer-api |  | M |
| .3 | User should select a clicker on UI.  Available App Types are :   1. Text Clicker 2. Image Clicker 3. Video Clicker 4. ALL |  | M |
| .3.1 | Users should be able to filter app list by app type. |  | M |
| .4 | User should be able to select an app List from app list.  App list should get from  http://pybossa-dev.qcri.org/AIDRTrainerAPI/rest/deployment/active  [  {  "deploymentID": 2,  "clientAppID": 47,  "choices": "[{\"qa\":\"severe\"}, {\"qa\":\"mild\"}, {\"qa\":\"none\"}]",  "clientAppName": "ImageClicker",  "appType": 2,  "appTypeName": "Image Clicker"  },  {  "deploymentID": 4,  "clientAppID": 78,  "choices": "[{\"qa\":\"single\_killed\"},{\"qa\":\"several\_killed\"},{\"qa\":\"null\"}]",  "clientAppName": "370BlackBoxPeople killed",  "appType": 1,  "appTypeName": "Text Clicker"  }  ] |  | M |
| .4.1 | System should display ClientAppName to users |  | M |
| .4.2 | User should be able to select one or more apps from the list. |  | M |
| .5 | MicroFilters should   1. Remove duplicate 2. Remove re-tweet 3. Private images or any invalid image should be removed 4. Private videos or any invalid video should be removed |  | M |
| .6 | MicroFilters should generated .cvs file |  | M |
| .7 | MicroFilters generated file should have a header on the first row.  It is case-senstive.  **See the below:**  "User-Name","Tweet","Time-stamp","Location","Latitude","Longitude","Image-link","TweetID" |  | M |
| .8 | For text clicker type, MicroFilter should be generate each row based on the below logic:  **Data Field Detail for Text Clicker:**  **Useer-Name : Twitter handler**  **Tweet : Tweet text**  **Time-stamp : Tweet created date/time**  **Location : empty string “”**  **Latitude : if tweet data has latitude, otherwise empty string**  **Longitude : if tweet data has longitude, otherwise empty string**  **Image-Link : empty string “”**  **TweetID : Tweet ID** |  | M |
| .9 | For image clicker type, MicroFilter should be generate each row based on the below logic:  **Data Field Detail for Image Clicker:**  **Useer-Name : Twitter handler**  **Tweet : Tweet text**  **Time-stamp : Tweet created date/time**  **Location : image URL**  **Latitude : if tweet data has latitude, otherwise empty string**  **Longitude : if tweet data has longitude, otherwise empty string**  **Image-Link : image URL**  **TweetID : Tweet ID**  For image clicker type,   1. MicroFilters should read tweet text. 2. If tweet text contains any URL, 3. Check if URL is for Image link 4. If so, MicroFilters should get Image URL, then, populate a row.   If tweet text doesn’t contain image, it should be disregarded. |  | M |
| .10 | For Video clicker type, MicroFilter should be generate each row based on the below logic:  **Data Field Detail for Image Clicker:**  **Useer-Name : Twitter handler**  **Tweet : Tweet text**  **Time-stamp : Tweet created date/time**  **Location : youtube Video id**  **Latitude : if tweet data has latitude, otherwise empty string**  **Longitude : if tweet data has longitude, otherwise empty string**  **Image-Link : youtube Video id**  **TweetID : Tweet ID**  For video clicker type,   1. MicroFilters should read tweet text. 2. If tweet text contains any URL, 3. Check if URL is for youtube Video link 4. If so, MicroFilters should get youtube Video ID, then, populate a row.   If tweet text doesn’t contain youtube video link, it should be disregarded. |  | M |
| .11 | MicroFilters should store all transactions in its own DB |  | M |
| .12 | MicroFilters should generate max 1500 records data. |  | M |
| .13 | File name should be unique |  | M |
| .14 | Once a file is generated, MicroFilters should send info to aidr-trainer-api via restful service with json format payload.  restful service url : http://pybossa-dev.qcri.org/AIDRTrainerAPI/rest/source/save  json format :  [  {  "fileURL": "http://localhost:8888/tornado201406150955.csv",  "appID": 48  },  {  "fileURL": "http://localhost:8888/imageclicker201406150956.csv",  "appID": 73  }  ] |  | M |
| .16 | MicroFilters should generate transaction log in its own database |  | M |
| .17 | MicroFilters should log its info, debug, warning, errors |  | M |
| .18 |  |  |  |

### File Details

|  |  |
| --- | --- |
| **Filename:** | {**APPNAME**}yyyymmddHHmmss.csv |
| **Zipped?** | No |
| **Zip filename:** | n/a |
| **Field Delimiter:** | Comma |
| **Record Delimiter:** | Carriage Return |
| **Character set:** | UTF-8 |
| **Import Frequency:** | On demand |
| **Header row?** | Yes |
| **Footer row?** | No |
| **Retrieval location:** | User’s local or URL |
| **Import database:** | NO |

Header:

**"User-Name","Tweet","Time-stamp","Location","Latitude","Longitude","Image-link","TweetID"**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **#** | **Column Name** | **Type** | **Len** | **M/O** | **Comments/Data Mapping** |
| 1 | User-Name |  |  | M | Tweet user name/ tweet handler |
| 2 | Tweet |  |  | M | Tweet text |
| 3 | Time-stamp |  |  | M | Tweet created date/time |
| 4 | Location |  |  |  | Image url or Video ID |
| 5 | Latitude |  |  | O | latitude |
| 6 | Longitude |  |  | O | longitude |
| 7 | Image-link |  |  | O | Image url or Video ID |
| 8 | TweetID |  |  | M | TweetID |

### Sample Data

**Example AIDR Collection file format(.cvs):**

**tweetID,message,userID,userName,userURL,createdAt,tweetURL,crisisName,labelName,labelDescription,confidence,humanLabeled**

469254005130948608,RT @gnkdinamo: Respect to our neighbour and fellow athlete @DjokerNole for raising awareness in the world! #CroatiaFloods #SerbiaFloods #Bo…,362315991,rmatosevic,null,2014-05-21T23:10Z,https://twitter.com/rmatosevic/status/469254005130948608,balkanfloods,"""Other need"";""Photo"";""Donations"";""Not related to crisis"";","""Any other kind of need/request"";""Contains a still photo or album"";""Requests or offers donations of goods or services"";""Not related to the crisis"";",1;0.9;0.6;0.8;,false;false;false;false;

469254017902997505,@djMikeHawkins Happy bday man ;) Many luck with music and stay cool :),333623094,ImTwiiG,"""https://soundcloud.com/imtwiig""",2014-05-21T23:10Z,https://twitter.com/ImTwiiG/status/469254017902997505,balkanfloods,"""Other need"";""Photo"";""Donations"";""Not related to crisis"";","""Any other kind of need/request"";""Contains a still photo or album"";""Requests or offers donations of goods or services"";""Not related to the crisis"";",1;0.6;0.6;1;,false;false;false;false;

**Example AIDR Collection file format(.json):**

{"filter\_level":"medium","contributors":null,"text":"Floods in Serbia: 798 people reported missing, 215 found so far #SerbiaFloods #SerbiaNeedsHelp http://t.co/SS7U3QkKBQ http://t.co/hmwO8F7lyQ","geo":null,"retweeted":false,"in\_reply\_to\_screen\_name":null,"possibly\_sensitive":false,"truncated":false,"lang":"en","entities":{"trends":[],"symbols":[],"urls":[{"expanded\_url":"http://serb.in/n1","indices":[95,117],"display\_url":"serb.in/n1","url":"http://t.co/SS7U3QkKBQ"},{"expanded\_url":"http://fb.me/6vms54MwX","indices":[118,140],"display\_url":"fb.me/6vms54MwX","url":"http://t.co/hmwO8F7lyQ"}],"hashtags":[{"text":"SerbiaFloods","indices":[64,77]},{"text":"SerbiaNeedsHelp","indices":[78,94]}],"user\_mentions":[]},"in\_reply\_to\_status\_id\_str":null,"id":469178498901237760,"source":"<a href=\"http://www.facebook.com/twitter\" rel=\"nofollow\">Facebook<\/a>","in\_reply\_to\_user\_id\_str":null,"favorited":false,"in\_reply\_to\_status\_id":null,"retweet\_count":0,"created\_at":"Wed May 21 18:10:45 +0000 2014","in\_reply\_to\_user\_id":null,"favorite\_count":0,"id\_str":"469178498901237760","place":null,"user":{"location":"Southampton","default\_profile":false,"profile\_background\_tile":true,"statuses\_count":1352,"lang":"en","profile\_link\_color":"FF0000","profile\_banner\_url":"https://pbs.twimg.com/profile\_banners/363565500/1400413474","id":363565500,"following":null,"protected":false,"favourites\_count":4,"profile\_text\_color":"3D1957","verified":false,"description":null,"contributors\_enabled":false,"profile\_sidebar\_border\_color":"65B0DA","name":"Julie Summerton","profile\_background\_color":"642D8B","created\_at":"Sun Aug 28 09:05:46 +0000 2011","default\_profile\_image":false,"followers\_count":9,"profile\_image\_url\_https":"https://pbs.twimg.com/profile\_images/468714135056678912/YKN9cXfP\_normal.jpeg","geo\_enabled":true,"profile\_background\_image\_url":"http://abs.twimg.com/images/themes/theme10/bg.gif","profile\_background\_image\_url\_https":"https://abs.twimg.com/images/themes/theme10/bg.gif","follow\_request\_sent":null,"url":null,"utc\_offset":3600,"time\_zone":"London","notifications":null,"profile\_use\_background\_image":true,"friends\_count":58,"profile\_sidebar\_fill\_color":"7AC3EE","screen\_name":"jansum888","id\_str":"363565500","profile\_image\_url":"http://pbs.twimg.com/profile\_images/468714135056678912/YKN9cXfP\_normal.jpeg","listed\_count":0,"is\_translator":false},"coordinates":null,"aidr":{"crisis\_code":"2014-05-balkanfloods","crisis\_name":"balkanfloods","doctype":"twitter"}}

**Example MicroFilers file format(.cvs):**

"User-Name","Tweet","Time-stamp","Location","Latitude","Longitude","Image-link","TweetID"

"DustinJ85588790","#competition #philippines Not a way. she brings this again!! http://t.co/DbmGykeO2G - http://t.co/E5hElMyWPm","2013-11-08 21:00:03","","","","","398917857024557056"

"jacquelineeli18","RT @chematierra: ALERTA! El TifÛn #Haiyan podrÌa ser recordado como la tormenta m·s poderosa jam·s registrada en la Tierra. http://t.co/O24Ö","2013-11-08 21:00:09","","","","","398917884392382464"

"CSISFood","@WFP estimates 2.5m ppl will require immediate food assistance in the #Philippines after the #typhoon http://t.co/WiFeGc7b1R","2013-11-08 21:00:21","","","","","398917932123574272"

"CodydotWilliams","From the new http://t.co/sX7LVjffJj: Super Typhoon Haiyan slams Philippines http://t.co/tRnImamqHl #cnn This storm is insane.","2013-11-08 21:00:21","","","","","398917935361585153"

"HeathNOLA","RT @JournoMaggie: Amazing picture of the eye of #Haiyan #Philippines #Weather from University of Wisconsin @CIMSS\_Satellite team http://t.cÖ","2013-11-08 21:00:33","","","","","398917985198276608"

"powpow57","Daily Deal Quality Control Specialist (#SanJose, CA) https://t.co/Tu17DWuLP0","2013-11-08 21:00:40","","","","","398918012394164224"

"LoveTheBrethren","Another blow to the Philippines - ""strongest typhoon of the year"" @grasswire #Haiyan http://t.co/uAeBHZgP7A","2013-11-08 21:00:43","","","","","398918024293400577"

"asmoore","RT @LADNvillacorte: Am writing about the super typhoon in the Philippines. If you know someone who is directly affected, or is collecting dÖ","2013-11-08 21:00:47","","","","","398918042991611904"

"tirzah\_wethern","Another typhoon through the philippines.... The biggest one in recorded history.... ????","2013-11-08 21:01:50","","","","","398918305672478720"

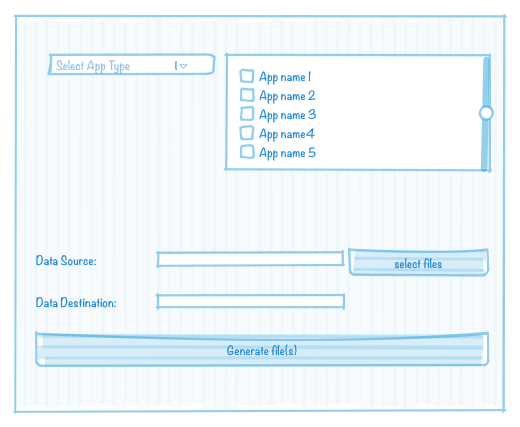
"coreysloan","CIMMS satellite VIIRS image of Super Typhoon Haiyan(Yolanda). Image was taken on 11-7-13 at 1615Z. http://t.co/skjqR5BiB3","2013-11-08 21:02:01","","","","","398918351470092289"

"CatholicRelief","RT @jenhardy: RT @cnni: As Typhoon #Haiyan wreaks havoc, why is the Philippines one of worldís most disaster-hit countries? http://t.co/LyrÖ","2013-11-08 21:02:04","","","","","398918365462274048"

"Baytongrupo","Buscamos ASESOR COMERCIAL #empleos #trabajo http://t.co/PsH361sX4O Con experiencia en seguros, salud, AFJP, BANCOS. Zona #Rosario, #SantaFe","2013-11-08 21:02:05","","","","","398918369379753984"

## UI/UX functional

### UI prototype



### Color schema, outline info.

Microfilters will be integrated into Clickers.micromappers.org. Therefore, its header/footer/ color schema should follow clickers.micromappers.org.

## Non-functional

### Security

| **ID** | **Requirement** | **Source** | **Cat** |
| --- | --- | --- | --- |
| .1 | *User Login integration (Phrase 2)* |  |  |

### QA/Testing

| **ID** | **Use Case** | **Date/Status** |
| --- | --- | --- |
| .1 | Generate file using Text Clicker App Type, data source(file: 40kb.csv) with single user | 2-12-2014/pass |
| 2. | Generate file using Text Clicker App Type, data source(file: 400kb.csv) with single user | 2-12-2014/pass |
| 3. | Generate file using Text Clicker App Type, data source(file: 1mb.csv) with single user | 2-12-2014/ pass |
| 4. | Generate file using Text Clicker App Type, data source(file: 2014-07-anti-\_and\_pro-semitism\_last\_100k\_tweets\_filtered.csv) with single user  Took long time | 2-12-2014/ pass |
| 5. | Generate file using Text Clicker App Type, data source(file: 400kb-all-image.csv) with single user  File is empty | 2-12-2014/ fail |
| 6. | Generate file using Text Clicker App Type, data source(file: Classified\_2014-05-balkanfloods\_last\_100k\_tweets-1.csv) with single user  Took long time | 2-12-2014/ pass |
| 7. | Generate file using Text Clicker App Type, data source(file: 40kb.csv) with multiple users | 3-12-2014/ pass |
| 8. | Generate file using Text Clicker App Type, data source(file: 400kb.csv) with multiple users | 3-12-2014/ pass |
| 9. | Generate file using Text Clicker App Type, data source(file:1mb.csv) with multiple users | 3-12-2014/ pass |
| 10. | Generate file using Text Clicker App Type, data source(file: 2014-07-anti-\_and\_pro-semitism\_last\_100k\_tweets\_filtered.csv) with multiple users  Took long time/ files Created for 1 user only | 3-12-2014/fail |
| 11. | Generate file using Text Clicker App Type, data source(file: 400kb-all-image.csv) with multiple users  Files are empty | 3-12-2014/fail |
| 12. | Generate file using Text Clicker App Type, data source(file: Classified\_2014-05-balkanfloods\_last\_100k\_tweets-1.csv) with multiple users | 3-12-2014/ pass |
| 13. | Generate file using Image Clicker App Type, data source (file: 40kb.csv) with multiple users | 3-12-2014/ pass |
| 14. | Generate file using Image Clicker App Type, data source (file: 40kb.csv) with single user | 3-12-2014/ pass |
| 15. | Generate file using Image Clicker App Type, data source (file: 400kb.csv) with multiple users | 3-12-2014/ pass |
| 16. | Generate file using Image Clicker App Type, data source (file: 400kb.csv) with single user | 3-12-2014/ pass |
| 17. | Generate file using Image Clicker App Type, data source (file: 1mb.csv) with single user  Took long time | 3-12-2014/ pass |
| 18. | Generate file using Image Clicker App Type, data source (file: 1mb.csv) with multiple users  Took long time | 3-12-2014/ pass |
| 19. | Generate file using Image Clicker App Type, data source (file: 400kb-all-image.csv) with single user  File is empty | 4-12-2014/ fail |
| 20. | Generate file using Image Clicker App Type, data source (file: 400kb-all-image.csv) with multiple users  Files are empty | 4-12-2014/ fail |
| 21. | Generate file using Image Clicker App Type, data source (file: 2014-07-anti-\_and\_pro-semitism\_last\_100k\_tweets\_filtered.csv) with single user  Took very long time –big file size | 4-12-2014/ |
| 22. | Generate file using Image Clicker App Type, data source (file: 2014-07-anti-\_and\_pro-semitism\_last\_100k\_tweets\_filtered.csv) with multiple users  Took very long time- big file size | 4-12-2014/ pass |
| 23. | Generate file using Image Clicker App Type, data source (file: Classified\_2014-05-balkanfloods\_last\_100k\_tweets-1.csv) with single user  Took long time, status remained as “Working…” | 4-12-2014/fail |
| 24. | Generate file using Image Clicker App Type, data source (file: Classified\_2014-05-balkanfloods\_last\_100k\_tweets-1.csv) with multiple users |  |
| 25. | Generate file using Video Clicker App Type, data source (file: 40kb.csv) with single user  File is empty | 4-12-2014/ pass |
| 26. | Generate file using Video Clicker App Type, data source (file: 40kb.csv) with multiple users  Took long time | 4-12-2014/fail |
| 27. | Generate file using Video Clicker App Type, data source (file: 400kb.csv) with single user | 4-12-2014/ pass |
| 28. | Generate file using Video Clicker App Type, data source (file: 400kb.csv) with multiple users |  |
| 29. | Generate file using Video Clicker App Type, data source (file: 1mb.csv) with multiple users |  |
| 30. | Generate file using Video Clicker App Type, data source (file: 1mb.csv) with single user | 4-12-2014/ pass |
| 31. | Generate file using Video Clicker App Type, data source (file: 400kb-all-image.csv) with multiple users |  |
| 32. | Generate file using Video Clicker App Type, data source (file: 400kb-all-image.csv) with single user  Took long time | 4-12-2014/ fail |
| 33. | Generate file using Text Clicker App Type, data source(link: http://aidr-prod.qcri.org/data/persister/2014-05-emsc\_landslides\_2014/2014-05-emsc\_landslides\_2014\_last\_100k\_tweets\_filtered.csv) with single user | 4-12-2014/ pass |
| 34. | Generate file using Image Clicker App Type, data source (link: [http://aidr-prod.qcri.org/data/persister/20141202-1140-PeterMosur-/20141202-1140-PeterMosur-\_last\_100k\_tweets.csv](http://www.google.com/url?q=http%3A%2F%2Faidr-prod.qcri.org%2Fdata%2Fpersister%2F20141202-1140-PeterMosur-%2F20141202-1140-PeterMosur-_last_100k_tweets.csv&sa=D&sntz=1&usg=AFQjCNH6ffH4J_l8PQMSm2xoygXHn1Towg" \t "_blank)) with single user  New file link from Ji  Took long time, file not created(start generating @12pm, not finished until 3pm) status remained as “Working…” | 4-12-2014 /fail |
| 35. | Generate file using Text Clicker App Type, data source(link: http://aidr-prod.qcri.org/data/persister/2014-05-emsc\_landslides\_2014/2014-05-emsc\_landslides\_2014\_last\_100k\_tweets\_filtered.csv) with multiple users  Took long Time | 4-12-2014/ pass |
| 36. | Generate file using Image Clicker App Type, data source (link: http://aidr-prod.qcri.org/data/persister/2014-05-emsc\_landslides\_2014/2014-05-emsc\_landslides\_2014\_last\_100k\_tweets\_filtered.csv) with single user  Took very long time- more than 2hrs, file is big | 4-12-2014/ fail |
| 37. | Generate file using Image Clicker App Type, data source (link: http://aidr-prod.qcri.org/data/persister/2014-05-emsc\_landslides\_2014/2014-05-emsc\_landslides\_2014\_last\_100k\_tweets\_filtered.csv) with multiple users |  |
| 38. | Generate file using Video Clicker App Type, data source (link: http://aidr-prod.qcri.org/data/persister/2014-05-emsc\_landslides\_2014/2014-05-emsc\_landslides\_2014\_last\_100k\_tweets\_filtered.csv) with single user |  |
| 39. | Generate file using Video Clicker App Type, data source (link: http://aidr-prod.qcri.org/data/persister/2014-05-emsc\_landslides\_2014/2014-05-emsc\_landslides\_2014\_last\_100k\_tweets\_filtered.csv) with multiple users |  |

# Issues/Questions

| **Issue #** | **Issue/Resolution Description** | **Date/Status** |
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# Revision History

Changes to the text of this document are indicated by bars in the outside margin adjacent to the affected text.

| **Date** | **Change Description** |
| --- | --- |
|  | Initial draft. |
| June 17, 2014 | 1st draft of requirement is completed |
|  |  |
|  |  |