**User History Events [Impact Analysis]**

**Project:** WiPayAdmin

**Redmine Ticket Number:** Feature #1654

**Task Details:** Retrieve the data from the CSV files which are taken back up. And create a report of the events.

**Assigned By:** Pavan sir& Nagaraju Sir

**Assigned Date:** 03/03/2022

**Estimated Hours to complete:** 24 hrs

**Actual Start Date:** 17/03/2022

**Any DB Changes (include alter or create scripts):** Not Required

**Infra/Server changes (Changes on UNIX Servers):** NO

**Design Details (Explanation how we are addressing the change requested):**

The purpose of this interface is to provide the user history events such as msisdn, order\_id, actions, time of request of a particular user from the CSV files that are taken as backup in the servers.

* Coming to interface, we need to enter either msisdn or orderid or transid or three of them of the user and the time of request which means start and end date.
* When we click on submit, we are going to provide the report with msisdn, orderid, corresponding action, result of that action (success or failure) and time based on the msisdn and timestamp.
* In coding, we will execute all the linux commands like getting the data from the CSV files based on msisdn are done using SSHConnections.
* Here when we need to get the data from the server, we are going to create a method where we will pass the required data like host, username, password, port, command etc., to the method and going to execute this method. After execution, this method returns the data in the format of InputStream. After that, we will read the data into BufferedReader and going to print the data.
* All the coding is going to be done in MVC model.

**Sample command to get the data** :

*zcat sms\_history\_20220214\_20220215153511.csv.gz | grep '911140358910' | awk -F',' '{print $2" | "$8" | "$10" | "$12}'*

**And the data we are getting like this:**

"911140358910" | "220214143840300002" | "SMSBILLREQUEST" | "SUCCESS"

"911140358910" | "220214143840300002" | "SMS\_VALIDATE\_ORDER\_REQ" | "SUCCESS"

"911140358910" | "220214143840300002" | "SMS\_VALIDATE\_ORDER\_RESP" | "SUCCESS"

"911140358910" | “220214143840300002" | "PREBILL\_VALIDATION" | "SUCCESS"

"911140358910" | "220214143840300002" | "PRICE\_VALIDATION" | "SUCCESS"

"911140358910" | "220214143840300002" | "BALANCE\_CHECK\_RESP" | "SUCCESS"

"911140358910" | "220214143840300002" | "MTREQUEST" | "SUCCESS"

"911140358910" | "220214143840300002" | "BILLFAILURE" | "FAILURE"

"911140358910" | "220214143840300002" | "MERCHANT\_CB" | "SUCCESS"

**Hence the interface looks like this:**

911140358910

**MSISDN**:

**Order ID:**

**Trans ID:**

**Start** **Date**:

02/14/2022

**End** **Date**:

03/14/2022

Submit

**Report**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **MSISDN** | **Order ID** | **Action** | **Action** **Status** | **Time** **of** **Request** |
| 911140358910 | 220214143840300000 | SMSBILLREQUEST | SUCCESS | 02/14/22 02:38 PM |
| 911140358910 | 220214143840300000 | SMS\_VALIDATE\_ORDER\_REQ | SUCCESS | 02/14/22 02:38 PM |
| 911140358910 | 220214143840300000 | SMS\_VALIDATE\_ORDER\_RESP | SUCCESS | 02/14/22 02:38 PM |
| 911140358910 | 220214143840300000 | PREBILL\_VALIDATION | SUCCESS | 02/14/22 02:38 PM |
| 911140358910 | 220214143840300000 | PRICE\_VALIDATION | SUCCESS | 02/14/22 02:38 PM |
| 911140358910 | 220214143840300000 | BALANCE\_CHECK\_RESP | SUCCESS | 02/14/22 02:38 PM |
| 911140358910 | 220214143840300000 | MTREQUEST | SUCCESS | 02/14/22 02:38 PM |
| 911140358910 | 220214143840300000 | BILLFAILURE | FAILURE | 02/14/22 02:38 PM |
| 911140358910 | 220214143840300000 | MERCHANT\_CB | SUCCESS | 02/14/22 02:38 PM |

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