Bimax – 2017

A\_2.2 Bimax Insight– System Design

v1.0

Document History

|  |  |  |
| --- | --- | --- |
| Version - Author | Date | Content |
| V1.0 – Tony | 2017/01/07 | First Draft |
|  |  |  |

1. **Overview:**
2. **Components and Function**
3. Database: Database has the functionality of self-regulation (periodically rotating, purging old data, etc.) to maintain the performance. It also receive control from Data Processor to perform such tasks in regard of the integrity of Report data, and temporary processed data, etc.
4. Log Importer:
5. Data Processor: Calculate raw data and output information that is ready for “Reports”, persist calculated data to Database (archiving). Data Processor also provides a service layer for View to query “Report” data from DB.
6. View: Virtualizing “Reports” and provide UI.
7. **Block Diagrams**
8. **Implementation (Details like Data Flow, Modeling, Call Flaw)**
   1. **iBimax for Media**
      1. **Database**
      2. **Log Importer**
      3. **Data Processor**

***\*****Refer to A\_2.2\_4\_Piwik\_Archiving\_Call\_Flows*

* + 1. **View**
       1. **Audience Analytics:**

Use Piwik 2.17.1 with all the neccesary Plugins.

\**Refer to Plugin.txt for installed Plugins with Piwik (this is a part config file for Piwik)*

*@ToDo: create Plugin.txt*

* + - 1. **Content Analytics (Media Analyics)**

*Use MediaAnalytics v2.0.3 plugin*

*\*MediaAnalytics needs CustomJS plugin to work properly.*

* + - 1. **QoS Monitoring:**

*@ToDo: Suppliment Document for QoS plugin.*

* 1. **eBimax for Ecommerce**
     1. **Database**
     2. **Log Importer**
     3. **Data Processor**
     4. **View**