

Functional Requirements

- The system provides login for admin.
- The system should allow administrator to monitor and remove inappropriate datasets and code.

Tools

For application development, the following Software Requirements are:

Operating System: Windows 7 or any Linux Debian Distro.

Language: R and Shiny

Tools: RStudio IDE, Microsoft Excel (Optional).

Technologies used: R, Unix, Shiny.

Software requirements:

Operating System

Any OS with clients to access the internet

Network

Wi-Fi Internet or cellular Network

Visio Studio

Create and design Data Flow and

Context Diagram

Github

Versioning Control

Google Chrome

Medium to find reference to do system
testing, display and run shinyApp.

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Hardware Requirements

For application development, the following Software Requirements are:

Processor: Intel or high

RAM: 1024 MB

Space on disk: minimum 100mb

For running the application:

Device: Any device that can access the internet

Minimum space to execute: 20 MB

The effectiveness of the proposal is evaluated by conducting experiments with a
cluster formed by 3

8GB RAM, running Ubuntu 18.04 LTS with 64-bit Linux 4.31.0 kernel)