

# FORWARD LINKAGE - SYSTEM FLOW MONITORING

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- ◆ Gap Identification.
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# GAP IDENTIFICATION

Existing System	New System
Do not have a proper structure or order of execution.	Much more efficient, effective and user friendly system.
Executed manually using excel sheets and written documents.	Maintain proper structure and order. Reduced time. Improved service quality.
No proper track of user action and user authentication.	Increased transparency.
Human errors possibility is high.	Possibility of human error will be reduced.
Very complex manner.	Reports with reliable information.
Pending events are followed up manually or just ignored.	Reminders/Alerts for pending events.

# OBJECTIVES

- ◆ Built online environment for a part of "Haritha Keralam Mission".
- ◆ To ensure effectiveness and efficiency of the system.
- ◆ Should gather data on all aspects of the System.
- ◆ Reliable data availability in customized way.
- ◆ Generate reminders for certain events.
- ◆ Less complex system which is easy to use.

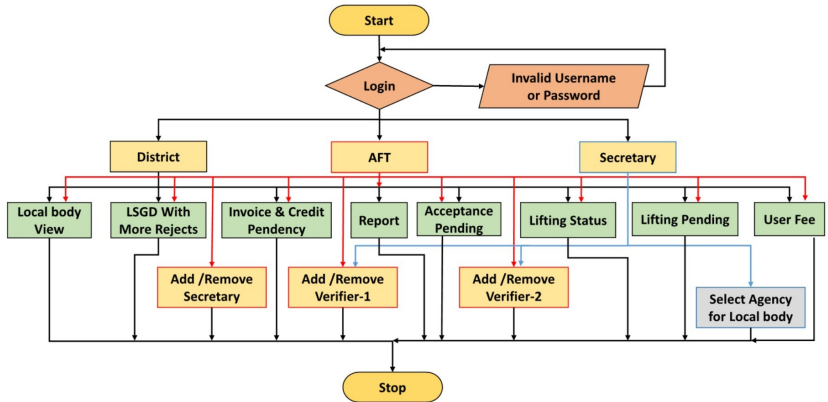
## Software Requirements

- ◆ Processor: 2.0 GHz or more.
- ◆ RAM: 2 GB DDR3.
- ◆ Hard Disk Space: 2 GB free hard disk space
- ◆ Input Device : Mouse, Keyboard
- ◆ Output Device: Monitor with 1280 x 720 resolution, Printer

## Hardwarer Requirements

- ◆ Operating system: Linux/Windows Based OS.
- ◆ Languages: PHP version 5.2.5
- ◆ Database: MySQL 5.0.1
- ◆ Webserver: XAMPP Version 3.3.0
- ◆ Browser: Google Chrome (edge or chrome).
- ◆ Code Editor: Visual Studio Code
- ◆ Diagramming: Lucid Chart.

## Data Flow Diagram



## **Local Body View :**

- ◆ Provide list of Local Bodies along with there corresponding Area Facilitation Team ,Type etc.
- ◆ Filters are available to customize the result.
- ◆ Utilized by District user and Area Facilitation Team User.

## **Acceptance Pending :**

- ◆ Provide list of Lifting Request acceptance pending from Agency according to Area Facilitation Team and local bodies.
- ◆ Filters are available to customize the result.
- ◆ Utilized by District user,Area Facilitation Team User and Secretary.

## **Lifting Pending :**

- ◆ Provide list of waste Lifting Pending from Agency after acceptance of lifting request by agency.
- ◆ Filters are available to customize the result.
- ◆ Utilized by District,Area Facilitation Team User and Secretary.

## **Lifting Status :**

- ◆ Provide Detailed view about the lifted transactions .
- ◆ Filters are available to customize the result.
- ◆ Utilized by District user,Area Facilitation Team User and Secretary.



### **LSGD with More Non-Segregated waste than Segregated :**

- ◆ Provide list LSGD with more number of Rejects.
- ◆ Filters are available to customize the result.
- ◆ Utilized by District,Area Facilitation Team User .

### **Invoice and Credit Pendency :**

- ◆ Provide options to see settled payments and pending payments.
- ◆ Filters are available to customize the result.
- ◆ Utilized by District user,Area Facilitation Team User.

### **Add Users :**

- ◆ Every user have ability to add and remove their subordinate.

## **Report :**

- ◆ Provide detailed report of transactions within a period.
- ◆ Filters are available to customize the result.
- ◆ Utilized by District,Area Facilitation Team User .

## **User Fee Report :**

- ◆ Provide detailed report of User Fee collections by LSGD transactions within a period.
- ◆ Filters are available to customize the result.
- ◆ Utilized by District,Area Facilitation Team User and Secretary .

## **Choose Agency :**

- ◆ Provide Secretary user the ability to choose agency for their Local body.

## CONCLUSION :

- ◆ **Centralized Data Storage:** Data is stored in a single, centralized accessible location to prevent data loss.
- ◆ **Real-Time Updates:** Data is kept current with simultaneous, on-line collaboration.
- ◆ **Scalability:** Scales easily with growing data and user needs.
- ◆ **Enhanced User Experience:** User-friendly interface for easy data management.
- ◆ **Remote Monitoring:** Real-time monitoring of activities, even off-site.

## FUTURE SCOPE :

- ◆ **Single Comprehensive Waste Management System.**By including Base level HKS waste collection details to Release inclusive version.
- ◆ **Automated Real-Time Management:** Implement automated features to send reminders and alerts.
- ◆ **Mobile Application:** Can be completely implement the system into Mobile application.
- ◆ **Predictive Modeling:**To forecast future waste generation patterns for analysis.
- ◆ **Advanced Data Analytics:** Utilize data analytics tools to improve decision-making and resource optimization.

# GIT HISTORY

Aravind Saji / mini project

## mini project

Here's where you'll find this repository's source files. To give your users an idea of what they'll find here, [add a description to your repository](#).



mini\_project ▾

Files ▾

Filter files



/

Name

Size

Last commit

Message



css

2023-11-03

Monitoing Module



html

2023-11-03

Monitoing Module



images

2023-11-03

Monitoing Module



php

2023-11-03

Monitoing Module




.gitignore

624 B

2023-11-03

Initial commit

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## mini project

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main ▾

Files ▾

Filter files



/

Name

Size

Last commit

Message



district

4 days ago

comitted



24\_11\_2023\_ii.txt

0 B

4 days ago

comitted



forwardlinkage.sql

18.13 KB

4 days ago

comitted




miniproject.sql

14.72 KB

6 days ago

comitted

 Aravind Saji / mini project

## mini project

Here's where you'll find this repository's source files. To give your users an idea of what they'll find here, [add a description to your repository](#).



master ▾

Files ▾

Filter files



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Name

Size

Last commit

Message



26-11-2023-Noon Updation

2 days ago

comitted



26-11-2023-morning updation

2 days ago

comitted

- 1)**Thomas A .Powell,"HTML and CSS: The Complete References",5th edition,2010,McGrawHill.
- 2)**Thomas A .Powell,"PHP: The Complete Book",5th edition,2007,McGraw Hill.
- 3)**Raghu Ramakrishnan and Johannes Gehrke,"Database Management Systems",3rd Edition,2014,McGraw Hill
- 4)**Kudumbashree."Kudumbashree",Kudumbashree About : Haritha Karma Sena,<https://kudumbashree.org/pages/677>
- 5)**LSGD."LSGD",Haritha Karmasena formation and operation- Guidelines, <https://lsgkerala.gov.in/en/news-kudumbashree-proceedings/>



THANK YOU