Forward Linkage - Agency and Security Management

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Objectives

- **Transition to Online System**:
  - Transition from the current offline manual waste management system, which relies on Excel sheets, to an efficient and centralized online platform.
  - Aims to streamline waste management processes and enhance their effectiveness

- **Agency Management**:
  - This includes the registration of agencies
  - Efficient management of responsibilities in waste collection

- **Security and Data Protection**:
  - Ensuring the security of data This involves implementing various security measures such as,
    * Authentication
    * Authorization
    * Input validation
    * Data encryption

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Study of existing system

- Do not have a proper structure or order of execution.
- Executed manually using excel sheets and written documents.
- No proper track of user action and user authentication.
- Human errors are possibility is high.
- Very complex manner
- Pending events are followed up manually or just ignored

Scope of the current system

- **Transition to an Online System**:
  From the current manual and offline waste management practices to an online platform.

- **Waste Types**:
  The system is designed to manage various types of waste, which may include household waste, industrial waste, hazardous waste, and recyclables

- **Agency Management**:
  The system encompasses the management of multiple waste management agencies or organizations operating within Kerala. This includes registration, coordination, and monitoring of their activities

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