

# Algorithm for UhuruPay

## Stakeholders Roles and Functionality

- Super admin: has all the ability of all stakeholders, can add state admin, local admin and collectors.

General process of adding stakeholder:

- Selection of stakeholder level(role) is first done which will determine what fields will be shown

Process of adding state admin: State admins are added by Super admin only

- State name
- Username
- Email
- Phone number

Process of adding Local admin:

- Local admins are added by Super admins and State admin
- Local Government name
- username
- Email
- Phone number

Process of adding Union:

- Union admins are added by Super admins, State admin, and local admin
- Union name
- username
- Email
- Phone number

Process of adding Collectors:

- Collectors are added by Super admin, State admin, and Local Admin
- First name
- Last name
- Username
- Email
- Phone number
- Collection stream allocation
- Area code and bit allocation

Process of adding Companies:

- Companies are added only by Super admin
- Company name
- Email
- Phone number

- Optional bank settings
- Number of employees

### **Collection Stream Process**

#### Web Operation

- Creation of Revenue Stream:
- Pin code creation(management)

#### Mobile Operation

- Pin code activation
- Collection of stream