Detailed Design

# Requirements

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| S/N | Description | Value | Status | Remark |
| 1 | Application Development |  | In progress |  |
| 2 | Domain name registration (shopkeeper.com.ng) |  |  |  |
| 3 | Promoting company registration |  |  |  |
| 4 | Product website development |  |  |  |
| 5 | Pricing models |  | In progress |  |
| 6 | Content for website |  |  |  |
| 7 | Online payment service integration & merchant account provisioning |  |  |  |
| 8 | Hardware for testing    Thermal Printer, POS, Scanner, Label Printer, etc |  |  |  |
| 9 | Web Application Hosting (dedi/cloud) |  |  |  |
| 10 | Product documentation |  |  |  |
| 11 | Application Collocation with major ISP for offline usage & backups |  |  |  |
|  |  |  |  |  |

## Pricing Model

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Features | Bronze | Silver | Gold | Platinum | ShopkeeperPlus | Ala Carte |
| Annum | 32400 | 42120 | 48600 | 64800 |  |  |
| Monthly Fee | 2700 | 3510 | 4050 | 5400 |  |  |
| Registers | 2 | 5 | 10 | unlimited |  | 1000/month |
| Products | Unlimited | Unlimited | Unlimited | Unlimited |  |  |
| Outlets | Unlimited | Unlimited | Unlimited | Unlimited |  |  |
| Staff Management | Yes\* | Yes\*\* | Yes | Yes |  |  |
| Storage space | 3 | 7 | 15 | 50 |  | 1000/Gb/Month |
| Bandwidth | 12 | 28 | 60 | 200 |  |  |
| Custom domain name | Optional | Optional | Option | Optional |  | 2000 |
| Transaction fees | 2.5 | 2.3 | 2.0 | 1.8 |  |  |
| e-commerce | Free | | | | |  |
| 24/7 Technical Support |  |  |  |  |  |  |
| Technical Support | Email & chat | Email, Chat | Email Chat, Telephone | Chat, Email & telephone | Dedicate Account Manager+ |  |
| Features Upgrade | Yes | Yes | Yes | Yes | Yes+ |  |
| Gift Card | No | No | Yes | Yes | Yes |  |
| Standard Report | Yes | Yes | Yes | Yes | Yes |  |
| Advanced Report Builder |  |  | Yes | Yes | Yes |  |
| Product Ratings & Review | Free | Free | Free | Free | Free |  |
| Migration Assistance | Free | Free | Free | Free | Free |  |

# Features

# Flow Process

**The client visits www.shopkeeper.com.ng  
2. The client registers by filling the new account form**

**3. The site creates the a DB (and user) for the client (and adds an entry in the site’s DB)  
4. The client then uses the new URL (i.e. storename.shopkeeper.com.ng) for himself & his end-users  
5. The end-users directly visit storename.shopkeeper.com.ng which is basically the app using the store’s DB**

1. New Account: for every new client signup the following has to happen
   1. **User fills sign-up form**
   2. **Confirm subdomain availability using storename provided/suggested**
      1. **Generate activation code & Reserve name for store,**
      2. **Send email activation link to store owner**
   3. **On email account activation**
      1. **Generate DB entries**
         1. **generate random dbusername & dbpassword.**
         2. **create a new DB for the store with subdomain\_date as dbname.**
         3. **Create user in db & grant all privileges to user**
      2. **Create an entry in the stores table containing the store connection details (dbname, dbusername, dbpassword & dbserver.**
      3. **Assign demo subscription to store**
      4. **Update reservation table**
      5. **Send details to**

### Login Process

There will be two login pages

* + 1. Global login page

|  |
| --- |
| Shopkeeper |
| User name  Password  login |

* + 1. Store branded page

|  |  |
| --- | --- |
| Store logo | Store name |
| User name  Password  login | |

* 1. **Let the end-user visit the app using \*.shopkeeper.com (DNS configuration in next post)**
  2. **Check a central table if the sub-domain is registered;** 
     1. **if yes, to whom? Then fetch the DB details i.e dbname, dbuser, dbpass**
     2. **else redirect to login error**
  3. **Connect the end-user to the client’s DB**
  4. **Load user privileges**

1. File Upload Paths: all directors should have a placeholder directory
   1. Store : companies/storename (logo, people
   2. Products/ storename
   3. Documents

Routines

|  |  |  |
| --- | --- | --- |
|  | Task | Frequency |
|  | Daily sales log |  |
|  | Automated order on low quantity |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |

Reports

1. Products
   1. Monthly sales with daily average, min and max order