**Yeloo Architecture Context Diagram**

Visits **yello.in**

**Banking**

**Yeloo Vendor**

A Vendor of the **Yeloo** with Personal Accounts

**E Commerce**

**Customers**

A customer of the **Yeloo** with Personal Accounts

Using https API API API

**Logistic**

**Live Try**

**Yeloo Admin**

Admin of the **Yeloo** with Super Account

**Data Repository**

**Stores User info (hashed Authenticated ),Product Info, Vendor info**

**Web Application yeloo**

Deliver the products, internet banking multi software app application

**illustration of Components and shows the layers or tiers in yeloo**

**Query API**

Cloud

Aggregation

**Customer Service**

**Admin Gateway**

**Vendor Gateway**

**Vendors**

Order Management

Checkout

Customer

Catalog

**Admin**

**API**

**Browser**

**API**

Order Service

**API**

Checkout Service

**API**

Query API

**Catalog Service**

**Integration**

**Architecture Context Diagram Customer**

**E Commerce**

**Customers**

A customer of the **Yeloo**

**Sign in**

**Data Repository**

**Stores Prodcuts Info**

Stores &

Products Catalogue

Banking

Pay With Axis

**Cart**

**Logistic**

**Yeloo Vendor**

Have a look of stores &

Products

Details of data

Invoice # with amount securely integrated **Architecture Context Diagram Stores**

**Purchase**

**Yeloo Admin**

Admin of the **Yeloo** with Super Account

**Data Repository**

Sign in

**Yeloo Vendor**

Update Password

Your Assitance

Products

Profile

Dashboard

Credentials

Tutorials

Add Assistants

Appointments

Notifications

Orders

FB Catalogue

Delete Image

**Add** **Products** +

Update Image

Delete Product

**Add** **Products** +

Edit Prodcuts

**Subscription Details**

Store Account Information

**Store Profile Information**

**Store About Information**

**Update**

**Update Store Profile**

**Update**

**Store Owner Information**

**Invoice**

**Update**

**Outstanding**

**Rejection by cust.**

**Delivered**

**Appointment**

**Timers**

**Products**

**Orders**

**Rejections by vendor**

**Container e for**  Stores Approved **Architecture Context Diagram login**

Overall Store Orders

Individual Store Order

Orders

Display All Users

Users

**FB**

**Product**

**Product**

Edit Products +

Add Products +

Update Images +

Edit Products +

Add Products +

Update Images +

Data Repository

Tutorials

Store Details

Basic Details

Documents Downloading

Subscription Details

**Validation by Admin**

Display Stores

Dashboard

**Orders Cancellation**

**Delivered**

**Stores**

**Products**

**Orders**

**Rejections by vendor**

Stores

Sign in

**Yeloo Admin**

Admin of the **Yeloo** with Super Account

Customer

**Yeloo Admin**

Admin of the **Yeloo** with Super Account

**Customer**

**Provides all of the**

**e-commerce functionality to customers via web browser**

**Authenticated**

**Sign in Controller**

[ Component Django

Controller ]

Allows user to sign-in to the yeloo e-commerce site

Submit Credentials to

[https]

Stores Users registration information authenticated credentials ets

**Security Component**

[ Component Django]

Provide functionality related to signingin ,changing passwords

Extraction of data from the db

**Architecture Context Diagram Mail Service Communications**

**Yeloo Admin**

Admin of the **Yeloo** with Super Account

SMTP

Forget Password

User Account

Orders Canceled

Password Change

Transaction abort

Appointments

Order Delivery

Failure Trans

Order Thanks

Incomplete Transaction

Order Cancellation

Acceptance order

SMTP

**Yeloo Customers**

**Yeloo Vendor**

Profile update

Vendor Acceptance

Profile KYC Verification

**Confirm Order**

**Store Owner Info**

**Profile**

**Admin**

**Users**

**Stores**

**Currencies**

**Users**

**Waller History**

**Appointments**

**Wallet**

**Store Assistants**

**Referral**

**Order**

**Coupon**

**FB catalog**

**Like**

**Live Try**

**Wishlist's**

**Ordered Products**

**Store Profile**

**Products**

**Store About**

**Store Cover**

**User address**

**Store Images**

**User Images**

Architecture diagram is a graphical representation of a set of concepts , that are part of an architecture , including their principles , elements and components.

We develop and deployed **yeloo.in** with the above coherent set of concepts for the structure of operating the site yeloo.in.

The Product was designed using Django Open Source, which is a high-level Python Web framework that encourages rapid development and clean, pragmatic design. Built by experienced developers, it takes care of much of the hassle of Web development.

**Features**

**Fast** Django was designed to help developers take applications from concept to completion as quickly as possible.

**Reassuringly secure** Django takes security seriously and helps developers avoid many common security mistakes.

**Exceedingly scalable**. Some of the busiest sites on the Web leverage Django’s ability to quickly and flexibly scale.

Django**MVC** architecture solves lots of problems which were there in the traditional approach for web development

**MVC** pattern is a Product Development Architecture. It solves the traditional approach’s drawback of code in one file, i.e., that MVC architecture has different files for different aspects of our yeloo.in

**Model**

**Controller**

**View**

The Model is the part of the web-app which acts as a mediator between the website interface and the database.

View is actually the User Interface of the web-application and contains the parts like HTML, CSS and other front end technologies.

The controller as the name suggests is the main control component. What that means is, the controller handles the user interaction and selects a view according to the model.

The main task of the controller is to select a view component according to the user interaction and also applying the model component.

**Total number of Applications constituted for the applications yeloo is nearly 140 spanned with 150 pages to cater the need of client server interaction.**