AIRDEN AROMA

NANDU A S6 TKM18MCA020

Department of Computer Applications Thangal Kunju Musaliar College of Engineering, Kollam

Guided By:

Prof. Jasmin M R Assistant Professor Dept. of MCA

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Overview

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- **Proposed System**
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- Conclusion



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Introduction

- Deals with activities related to showroom.
- Mobile commerce system, and run under lonic platform.
- It is very helpful to find rate, comment and review the products easily.
- It is used for promotion and selling these product with single application.
- The main objective is to computerize the system.
- It is a platform for shopping.



Existing System

The existing system has some disadvantages.

- Staff over-reliance may diminish customer loyalty through a bad experience.
- The initial time and productivity cost of implementation.
- It may not suit every business.
- Security concerns associated with centralized data.



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Proposed System

Major Advantages of the proposed system.

- It allows for the consolidation of customer data and the basis for deep insights.
- It speeds up the sales conversion process.
- It increases staff productivity, lowering time cost.
- It allows geographically dispersed teams to collaborate effectively.
- Personalization and improved query resolution.



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Modules

ADMIN

There are some functional modules, and they are:

- PRODUCT MANAGEMENT MODULE
 - ADD

New products can be added.

ACTIVATE/DEACTIVATE

It is possible to activate and deactivate products.



- USER MANAGEMENT MODULE
 - ROLLS

This module assign rolls to the staffs.

PERMISSION

It provide permissions to the staffs.



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OFFER MODULE

It view the currently available offers of the selected products to the users.

CATEGORY MODULE

It view the products, blog, and user story based on the category.



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- BLOG MANAGEMENT MODULE
 - APPROVE

The admin can approve or disapprove the blog.

LIKE/DISLIKE

The admin can like and dislike the blog.



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- COUPON MANAGEMENT MODULE
 - COUPON GENERATION

The admin can generate coupon.

NEW COLLECTION MODULE

Admin can place new products at top.



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TODAYS DEALS MODULE

It display the offers as per the day.

- STORY MANAGEMENT MODULE
 - APPROVE

The admin can approve or disapprove the user story.



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Hardware Specifications

- 32-bit or 64-bit
- 2GB RAM
- 2 tb hard disk



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Software Specifications

- lonic
- Python
- Framework:Django
- MySql(back-end)
- HTMI
- Web browser: Microsoft Internet Explorer, Mozilla, Google Chrome
- Operating System: Windows 7 or above



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Table Design

Table: Login

Field Name	Data Type	Constraints	Description
username	varchar	primary key	name
password	varchar	not null	password
type	varchar	not null	type

Table: Products

Field Name	Data Type	Constraints	Description
id	big int(5)	primary key	id
category id	big int(5)	primary key	category id
name	varchar(20)	not null	name
product code	varchar(5)	not null	product code
description	text	null	description
short description	text	null	short description
features	text	null	features
discount	double	null	discount
image	varchar(100)	null	image
banner	varchar(100)	null	banner image

Table: Products

Field Name	Data Type	Constraints	Description
mob image	varchar(100)	null	mobile image
image alt	varchar(100)	null	alternate
seo-title	varchar(100)	null	seo title
meta-code	text	null	features
status	tiny int(4)	null	status
featured	tiny int(4)	null	features
featured-order	small int(6)	null	featured order
order	small int(6)	null	order
newcollection	small int(6)	null	new collection
trending	small int(6)	null	trending

Table: Products

Field Name	Data Type	Constraints	Description
created-at	time stamp	null	date of creation
updated-at	time stamp	null	date of updation



Table: Product Gallery

Field Name	Data Type	Constraints	Description
id	big int(20)	primary key	id
product-id	big int(20)	foreign key	product id
name	varchar(80)	null	name
image	varchar(80)	null	image
image-alt	varchar(80)	null	alternate
order	small int(6)	not null	order
status	tiny int(4)	not null	status
created-at	time stamp	null	date of creation
updated-at	time stamp	null	date of updation

Table: Product Attributes

Field Name	Data Type	Constraints	Description
id	int(10)	primary key	id
product-id	big int(20)	foreign key	product id
attribute-value-id	int(10)	not null	attribute value
created-at	time stamp	null	date of creation
updated-at	time stamp	null	date of updation

Table: Product Reviews

Field Name	Data Type	Constraints	Description
id	big int(20)	primary key	id
product-id	big int(20)	foreign key	product id
user-id	big int(20)	null	user id
rating	medium int(9)	not null	rating
name	varchar(100)	null	name
email	varchar(80)	null	email
short-desc	text	not null	short description
description	text	not null	description
status	tiny int(4)	not null	status

Table: Product Reviews

Field Name	Data Type	Constraints	Description
created-at	time stamp	not null	date of creation
updated-at	time stamp	not null	date of updation

Table: Product Values

Field Name	Data Type	Constraints	Description
id	big int(20)	primary key	id
product-id	big int(20)	foreign key	product id
sku	varchar(80)	null	stock keeping unit
quantity	int(11)	not null	quantity
stock	int(11)	not null	stock
price	double(10,2)	null	price
final-price	double(10,2)	null	final price
status	tiny int(4)	not null	status
order	small int(6)	null	order

Table: Product Values

Field Name	Data Type	Constraints	Description
created-at	time stamp	null	date of creation
updated-at	time stamp	null	date of updation

Table: Users

Field Name	Data Type	Constraints	Description
id	big int(20)	primary key	id
user-group-id	big int(20)	not null	product id
name	varchar(80)	null	name
email	varchar(80)	null	email
phone	varchar(80)	null	phone
email-verified-at	time stamp	null	date of email verification
password	varchar(80)	not null	password
profile-image	varchar(150)	null	profile image
url	varchar(80)	null	url

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Table: Users

Field Name	Data Type	Constraints	Description
status	tiny int(4)	not null	status
remember-token	varchar(100)	null	stock
created-at	time stamp	null	date of creation

Table: User Groups

Field Name	Data Type	Constraints	Description
id	big int(20)	primary key	id
name	varchar(80)	not null	name
status	tiny int(4)	not null	status
created-at	time stamp	null	date of creation
updated-at	time stamp	null	date of updation

Table: Categories

Field Name	Data Type	Constraints	Description
id	big int(20)	primary key	id
parent-id	big int(20)	null	parent id
name	varchar(120)	not null	name
url-slug	varchar(150)	null	url
sub-content	medium text	null	subcontent
content	text	null	content
image	varchar(100)	null	image
banner	varchar(100)	null	banner image
image-alt	varchar(100)	null	alternate
seo-title	varchar(150)	null	search engine optimization

Table: Categories

Field Name	Data Type	Constraints	Description
meta-code	text	null	attributes
status	tiny int(4)	not null	status
featured	tiny int(4)	not null	image
order	small int(6)	not null	banner image
created-at	time stamp	null	date of creation
updated-at	time stamp	null	date of updation

Table: Offer Management

Field Name	Data Type	Constraints	Description
id	big int	primary key	id
title	varchar	not null	title
description	long text	not null	description
status	tiny int	not null	status
created at	time stamp	null	date of creation
updated-at	time stamp	null	date of updation

Table: Blogs

Field Name	Data Type	Constraints	Description
id	big int	primary key	id
subtitle	text	null	subtitle
title features	text	null	title features
name	varchar	not null	name
detail	text	not null	details
features	text	null	features
urlslug	varchar	null	url
subcontent	medium text	null	subcontent
blog categories	text	null	categories of blog
create time	varchar	not null	time of creation

Table: Blogs

Field Name	Data Type	Constraints	Description
image	varchar	null	image
mob image	varchar	null	mobile image
banner	varchar	null	banner
image alt	varchar	null	image alt
created by	varchar	not null	created person
created at	time stamp	null	date of creation
updated at	time stamp	null	date of updation
deleted at	timestamp	null	date of deletion

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Table: Blog Gallery

Field Name	Data Type	Constraints	Description
id	big int	primary key	id
blog id	big int	not null	blog id
name	varchar	null	name
image	varchar	null	image
image alt	varchar	null	alternate of image
order	small int	not null	order
status	tiny int	not null	status
created at	time stamp	null	date of creation
updated at	time stamp	null	date of updation

Table: Blog Comments

Field Name	Data Type	Constraints	Description
id	big int	primary key	id
blog id	big int	not null	blog id
user id	big int	not null	user id
ip	varchar	not null	ip address
comments	text	not null	comments
name	varchar	null	name
email	varchar	null	email
status	tiny int	not null	status
created at	time stamp	null	date of creation

Table: Blog Comments

Field Name	Data Type	Constraints	Description
updated at	time stamp	null	date of updation
deleted at	time stamp	null	date of deletion

Table: Coupons

Field Name	Data Type	Constraints	Description
id	big int	primary key	id
title	varchar	null	title
description	text	null	description
type	small int	not null	type
coupon code	varchar	not null	coupon code
expiry date	date time	not null	date of expiry
discount percentage	double	not null	percentage of discount
image	varchar	null	image
status	tiny int	not null	status

Table: Coupons

Field Name	Data Type	Constraints	Description
created at	time stamp	null	date of creation
updated at	time stamp	null	date of updation

Table: Storys

Field Name	Data Type	Constraints	Description
id	big int	primary key	id
subtitle	text	null	subtitle
title features	text	null	title features
name	varchar	not null	name
detail	text	not null	details
features	text	null	features
urlslug	varchar	null	url
subcontent	medium text	null	subcontent
story categories	text	null	categories of story
create time	varchar	not null	time of creation

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Table: Storys

Field Name	Data Type	Constraints	Description
image	varchar	null	image
mob image	varchar	null	mobille image
banner	varchar	null	banner
image alt	varchar	null	image alt
created by	varchar	not null	created person
created at	time stamp	null	date of creation
updated at	time stamp	null	date of updation
deleted at	time stamp	null	date of deletion

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Table: Story Gallery

Field Name	Data Type	Constraints	Description
id	big int	primary key	id
story id	big int	not null	story id
name	varchar	null	name
image	varchar	null	image
image alt	varchar	null	alternate of image
order	small int	not null	order
status	tiny int	not null	status
created at	time stamp	null	date of creation
updated at	time stamp	null	date of updation

Table: Story Comments

Field Name	Data Type	Constraints	Description
id	big int	primary key	id
story id	big int	not null	story id
user id	big int	not null	user id
ip	varchar	not null	ip address
comments	text	not null	comments
name	varchar	null	name
email	varchar	null	email
status	tiny int	not null	status
created at	time stamp	null	date of creation

Table: Story Comments

Field Name	Data Type	Type Constraints Descript	
updated at	time stamp	null	date of updation
deleted at	time stamp	null	date of deletion

Table: Today Deals

Field Name	Data Type	Constraints	Description
id	big int	primary key	id
category id	big int	not null	category id
product id	big int	not null	product id
startdate	date time	not null	start date
enddate	date time	not null	end date
status	small int	not null	status
order	small int	not null	order
created at	time stamp	null	date of creation
updated at	time stamp	null	date of updation

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Data Flow Diagram



Figure: Level - 0

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Data Flow Diagram...

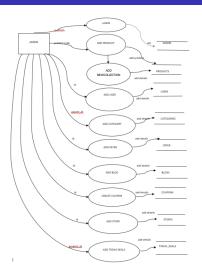


Figure: Level - 1



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Git History

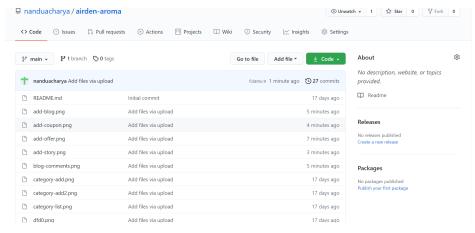


Figure: Git-screenshot



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Screenshot

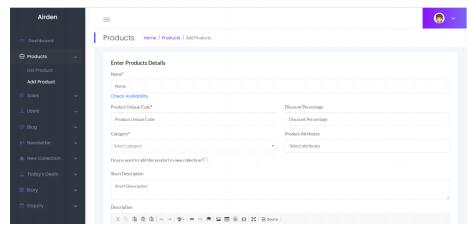


Figure: Add Product



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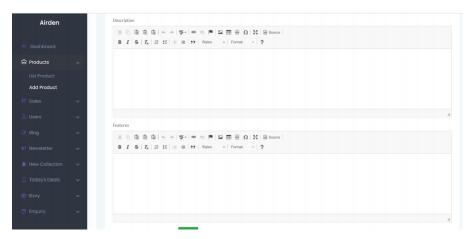


Figure: Add Product

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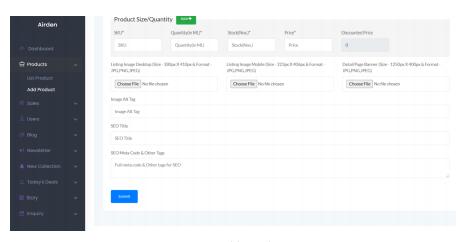


Figure: Add Product

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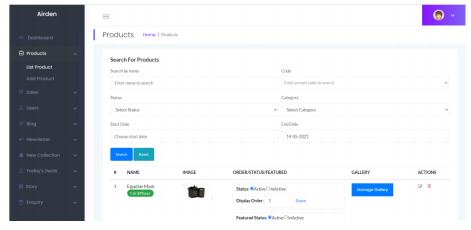


Figure: List Product



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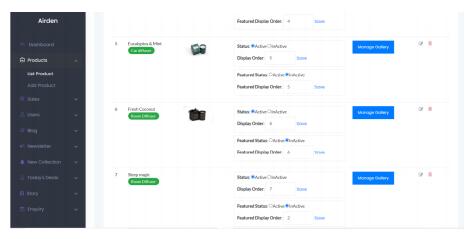


Figure: List Product

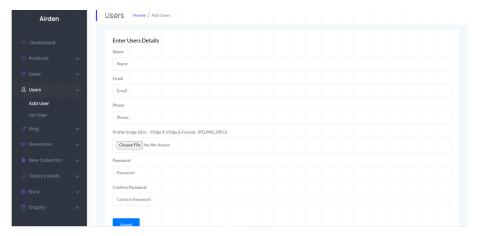


Figure: Add User



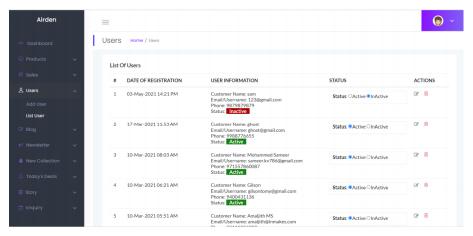


Figure: List User



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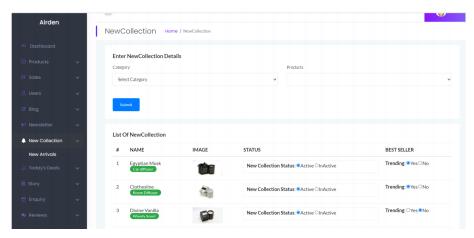


Figure: New Collection



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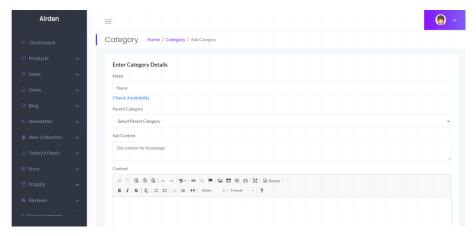


Figure: Add Category



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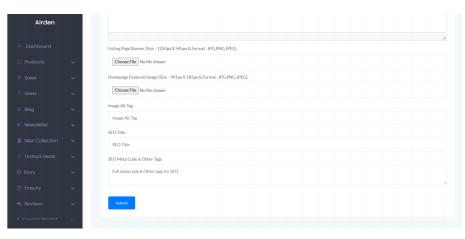


Figure: Add Category



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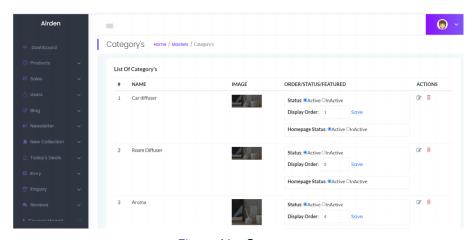


Figure: List Category



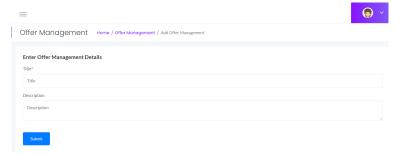


Figure: Add Offer



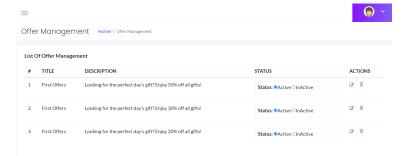


Figure: List Offer

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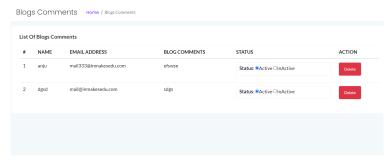
Figure: Add Blog





Figure: List Blog

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Figure: Blog Comments

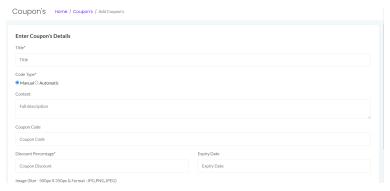


Figure: Add Coupon



Figure: List Coupon

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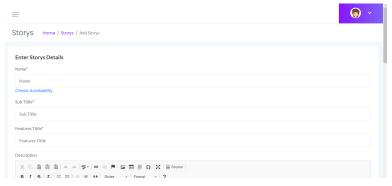


Figure: Add Story

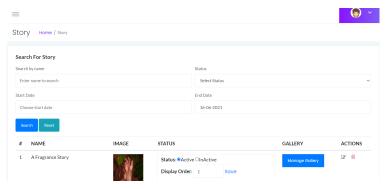


Figure: List Story

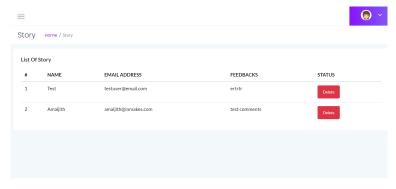


Figure: Story Feedback

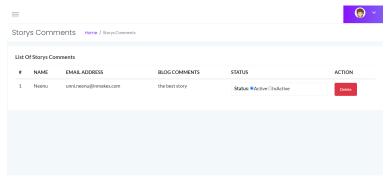


Figure: Story Comments

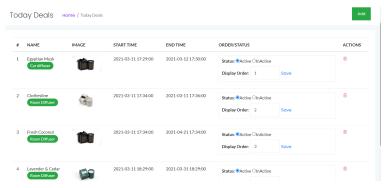


Figure: Today Deals

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Product Backlog

No.	STORY	PRIORITY
1	Database creation	1
2	Home page creation	2
3	Login page creation	3
4	Creation of product session	4
5	Creation of user session	5
6	Creation of offer session	6
7	Creation of category session	7
8	Creation of new collection session	8
9	Creation of blog session	9
10	Creation of user story session	10
11	Creation of today deals session	11
12	Creation of coupon session	12

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Sprint Backlog

Sprint-1(17-03-2021 to 12-04-2021)

Sl.No.	To Do	STATUS
1	Find out suitable project topic	Complete
2	Data collection	Completed
3	Finding out suitable language for the product	Completed
4	Starting learning python basics	Completed

Sprint Backlog...

Sprint-2(15-04-2021 to 24-04-2021)

S.No.	To Do	STATUS
3.110.	10 00	31A103
1	Template creation	Completed
2	Data collection	Completed
3	Add development	Completed



Sprint Backlog...

Sprint-3 (01-05-2021 to 20-05-2021)

(01 00 101 10 10 101)		
S.No.	To Do	STATUS
1	Add product session	Completed
2	Add user session	Completed
3	Add new collection	Completed
4	Add category	Completed

Sprint Backlog...

Sprint-4 (22-05-2021 to 13-06-2021)

	ı (, , , , , , , , , , , , , , , , , , ,
S.No.	To Do	STATUS
1	Add offer session	Completed
2	Add blog session	Partially Completed
3	Add coupon session	Completed
4	Add story session	Partially Completed
5	Add today deal session	Completed

Conclusion

- Developing a web application for managing the showroom virtually.
- It also provides fast and effective shopping.
- It provides global reach of products at anytime.



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Thank You

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