



Alpha Teknologi Indonesia

# Alpha Tech Academy

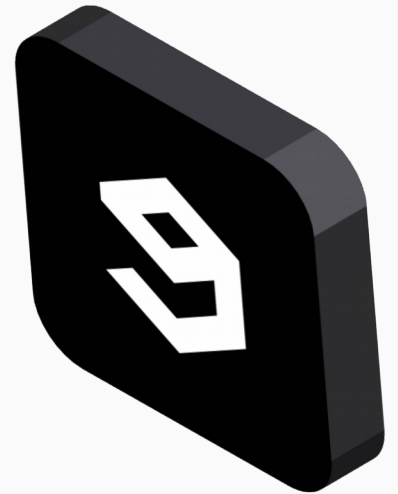
**9GAG LOOK LIKE**



## TEAM LIST

Angga Dwi Apria Rifandi

Evi Purwati



# PROJECT PREPARATION - Analisa Project

## 1. Menu Home

Menu home menampilkan berbagai postingan sesuai dengan kategori yang tersedia. Semua postingan tersebut dapat ditampilkan tanpa kategori maupun dengan detail postingan. Selain menampilkan postingan, user juga bisa menginputkan postingan sesuai selera mereka.

## 2. Menu Shop

Sebenarnya menu shop disajikan untuk menampilkan beberapa stuff yang dijual di web tersebut, user juga dapat melakukan pembelian di web tersebut. Namun, untuk project ini, halaman shop dibatasi hanya untuk menampilkan katalog dari stuff yang dijual dengan detail masing-masing stuff.

# PROJECT PREPARATION - Database Model

## HOME

```
from django.db import models
from django.utils import timezone

# Create your models here.
class Category(models.Model):
    name = models.CharField(max_length=255)

    def __str__(self):
        return self.name

class Post(models.Model):
    title = models.CharField(max_length=255)
    posted_at = models.DateTimeField(default=timezone.now)
    total_likes = models.PositiveIntegerField(default=0)
    total_comments = models.PositiveIntegerField(default=0)
    image = models.ImageField(upload_to='PostImage')
    category = models.ForeignKey(Category, on_delete=models.CASCADE)

    def __str__(self):
        return self.title
```

## SHOP

```
from django.db.models import CharField
from django.db.models import TextField
from django.db.models import ImageField

from django.db import models as models

class Category(models.Model) :
    nama_kategori = models.CharField(max_length = 100)

    def __str__(self) :
        return self.nama_kategori

class Stuff(models.Model) :
    foto = models.ImageField(upload_to="static/images")
    nama = models.CharField(max_length = 100)
    harga = models.CharField(max_length = 25)
    deskripsi = models.TextField(max_length = 600)
    kategori = models.ForeignKey(Category, on_delete=models.CASCADE)

    def __str__(self) :
        return self.nama
```

# PROJECT PREPARATION - URL

## Project URL

```
from django.contrib import admin
from django.urls import path, include
from django.conf.urls.static import static
from django.conf import settings
from django.contrib.staticfiles.urls import staticfiles_urlpatterns
from . import settings

urlpatterns = [
    path('admin/', admin.site.urls),
    path('', include('home.urls')),
    path('', include('shop.urls')),
]

urlpatterns += staticfiles_urlpatterns()
urlpatterns += static(settings.MEDIA_URL, document_root=settings.MEDIA_ROOT)
```

## App URL

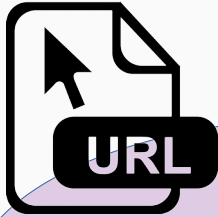
```
from django.urls import path
from . import views

urlpatterns = [
    path('', views.index, name='index'),
    path('cat/<int:category_id>', views.post_by_category, name='post_by_category'),
    path('detail/<int:post_id>', views.post_detail, name='post_detail'),
    path('add_post', views.add_post, name='add_post'),
]
```

```
from django.urls import path
from . import views

urlpatterns = [
    path('shop', views.shop, name='shop'),
    path('shop/<int:stuff_id>', views.detail_stuff, name='detail_stuff'),
    path('category/<int:category_id>', views.show_by_category, name='show_by_category'),
]
```

# PROJECT PREPARATION - Views & URL



**cat/  
detail/  
add\_post/**



**VIEWS**

- **INDEX**
- **POST BY CATEGORY**
- **POST DETAIL**
- **ADD POST**

- Cerita Sukses
  - ✓ Bisa mengerjakan beberapa fitur dengan baik
- Kendala dan hambatan dalam mengerjakan Project
  - ✗ Mengatur tampilan web yang membutuhkan waktu lama
  - ✗ Pengelompokkan konten web berdasarkan kategori
  - ✗ Waktu yang kurang

# PROJECT DEMO