

12장. `views.py` 분리하기

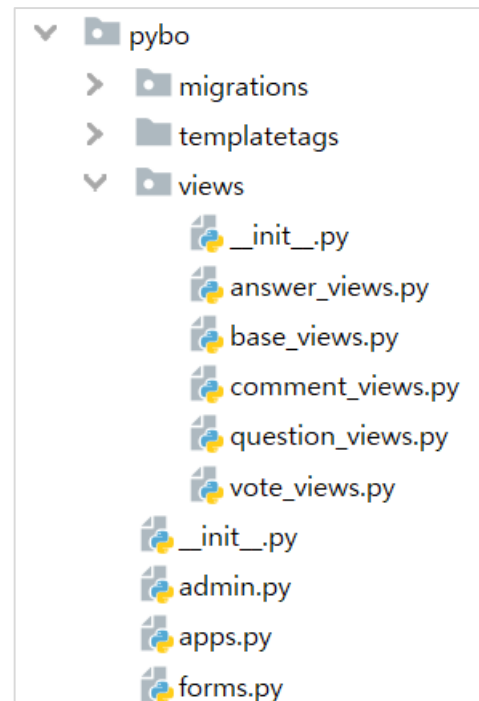


views.py 분리하기

1. views 패키지(디렉터리) 생성하기

```
(mysite) C:/webproject/pyweb/pybo>mkdir views
```

2. __init__.py 만들기
3. views.py 분리 저장할 파일 생성



views.py 분리하기

| 파일명 | 기능 | 함수 |
|-------------------|-------|---------------------------------------------------------------|
| __init__.py | | 장고 패키지로 인정, import 가능 |
| base_views.py | 기본 관리 | index, board, detail, profile |
| question_views.py | 질문 관리 | question_create, question_modify, question_delete |
| answer_views.py | 답변 관리 | answer_create, answer_modify, answer_delete |
| vote_views.py | 추천 관리 | vote_question, vote_answer |
| comment_views.py | 댓글 관리 | comment_create_question, ..., comment_delete_answer (총 6개) |

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- base_views.py 작성

```
from django.db.models import Count, Q
from django.shortcuts import get_object_or_404, render
from django.core.paginator import Paginator
from pybo.models import Question
```

```
def index(request):
```

```
    (... 생략 ...)
```

```
def profile(request):
```

```
def board(request):
```

```
def detail(request, question_id):
```

views.py 분리하기

- question_views.py 작성

```
from django.contrib import messages
from django.contrib.auth.decorators import login_required
from django.shortcuts import redirect, render, get_object_or_404
from django.utils import timezone
from pybo.forms import QuestionForm
from pybo.models import Question
```

```
@login_required(login_url='common:login')
def question_create(request):
```

```
@login_required(login_url="common:login")
def question_modify(request, question_id):
```

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- answer_views.py 작성

```
from django.contrib import messages
from django.contrib.auth.decorators import login_required
from django.shortcuts import redirect, render, get_object_or_404
from django.utils import timezone
from pybo.forms import AnswerForm
from pybo.models import Question, Answer

@login_required(login_url='common:login')
def answer_create(request, question_id):

@login_required(login_url="common:login")
def answer_modify(request, answer_id):
```

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- vote_views.py 작성

```
from django.contrib import messages
from django.contrib.auth.decorators import login_required
from django.shortcuts import get_object_or_404, redirect
from pybo.models import Question, Answer
```

```
@login_required(login_url='common:login')
def vote_question(request, question_id):
```

```
@login_required(login_url='common:login')
def vote_answer(request, answer_id):
```

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- comment_views.py 작성

```
from pybo.forms import CommentForm
from pybo.models import Comment, Question, Answer
```

```
@login_required(login_url='common:login')
def comment_create_question(request, question_id):
```

```
@login_required(login_url='common:login')
def comment_modify_question(request, comment_id):
```

```
@login_required(login_url='common:login')
def comment_create_answer(request, answer_id):
```


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- pybo/urls.py 변경

```
from django.urls import path
from pybo.views import base_views, question_views, answer_views, vote_views, comment_views

app_name = 'pybo'
# url 별칭 -> 네임 스페이스

urlpatterns = [
    # base_views.py
    # 메인화면
    path('', base_views.index, name='index'),
    # 질문/답변
    path('board/', base_views.board, name='board'),
    # 상세 페이지
    path('<int:question_id>/', base_views.detail, name='detail'),
    # 나의 프로필
    path('profile/', base_views.profile, name='profile'),
```

views.py 분리하기

- pybo/urls.py 변경

```
# question_views.py
# 질문 등록
path('question/create/', question_views.question_create, name='question_create'),
# 질문 수정
path('question/modify/<int:question_id>/', question_views.question_modify, name='question_modify'),
# 질문 삭제
path('question/delete/<int:question_id>/', question_views.question_delete, name='question_delete'),

# answer_views.py
# 답변 등록
path('answer/create/<int:question_id>/', answer_views.answer_create, name='answer_create'),
# 답변 수정
path('answer/modify/<int:answer_id>/', answer_views.answer_modify, name='answer_modify'),
# 답변 삭제
path('answer/delete/<int:answer_id>/', answer_views.answer_delete, name='answer_delete'),
```

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```
# vote_views.py
# 질문 추천
path('vote/question/<int:question_id>', vote_views.vote_question, name='vote_question'),
# 답변 추천
path('vote/answer/<int:answer_id>', vote_views.vote_answer, name='vote_answer'),

# comment_views.py
# 질문 댓글 등록
path('comment/create/question/<int:question_id>/', comment_views.comment_create_question,
     name='comment_create_question'),
# 질문 댓글 수정
path('comment/modify/question/<int:comment_id>/', comment_views.comment_modify_question,
     name='comment_modify_question'),
# 질문 댓글 삭제
path('comment/delete/question/<int:comment_id>/', comment_views.comment_delete_question,
     name='comment_delete_question'),
# 답변 댓글 등록
path('comment/create/answer/<int:answer_id>/', comment_views.comment_create_answer,
     name='comment_create_answer'),
# 답변 댓글 수정
path('comment/modify/answer/<int:comment_id>/', comment_views.comment_modify_answer,
     name='comment_modify_answer'),
# 답변 댓글 삭제
path('comment/delete/answer/<int:comment_id>/', comment_views.comment_delete_answer,
     name='comment_delete_answer'),
```

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- config/urls.py 변경

```
from django.contrib import admin
from django.urls import path, include
from pybo.views import base_views

urlpatterns = [
    # 관리자 페이지
    path('admin/', admin.site.urls),
    # pybo
    path('pybo/', include('pybo.urls')),
    # common(회원 인증)
    path('common/', include('common.urls')),
    # 메인 페이지
    path('', base_views.index, name='index')
]
```