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SECTION: **CSE C-1**
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WEEK NO: 6
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Lab No. 6 – Developing Web Application using Django
Part II

Q1. Develop a simple web page to perform basic arithmetic operations. Take two integer inputs from the user, select the operation to be performed using a dropdown. Include a button “Calculate” to perform the selected operation, and then display the result in the same web page.

Urls.py

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

urlpatterns = [
    path('', views.calculator, name='calculator'),
]
```

Urls.py

```
from django.contrib import admin
from django.urls import path, include

urlpatterns = [
    path('admin/', admin.site.urls),
    path('', include('calc.urls')),
]
```

View.py

```
from django.shortcuts import render

def calculator(request):
    result = None
    error = None
```

```

num1 = ""
num2 = ""
operation = 'add'
if request.method == 'POST':
    num1 = request.POST.get('num1', '')
    num2 = request.POST.get('num2', '')
    operation = request.POST.get('operation', 'add')
try:
    n1 = int(num1)
    n2 = int(num2)
    if operation == 'add':
        result = n1 + n2
    elif operation == 'subtract':
        result = n1 - n2
    elif operation == 'multiply':
        result = n1 * n2
    elif operation == 'divide':
        if n2 == 0:
            error = "Cannot divide by zero!"
        else:
            result = n1 / n2
except ValueError:
    error = "Please enter valid integers!"
context = {
    'result': result,
    'error': error,
    'num1': num1,
    'num2': num2,
    'operation': operation,
}
return render(request, 'calc/index.html', context)

```

Changes in setting.py

```

INSTALLED_APPS = [
    'django.contrib.admin',
    'django.contrib.auth',
    'django.contrib.contenttypes',
    'django.contrib.sessions',
    'django.contrib.messages',
    'django.contrib.staticfiles',
    'calc',
]

```

Index.html

```
<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="UTF-8">
<meta name="viewport" content="width=device-width, initial-scale=1.0">
<title>Basic Calculator</title>
<style>
body {
font-family: Arial, sans-serif;
max-width: 400px;
margin: 50px auto;
padding: 20px;
background-color: #f5f5f5;
}
h1 {
text-align: center;
color: #333;
}
.calculator-form {
background: white;
padding: 30px;
border-radius: 10px;
box-shadow: 0 2px 10px rgba(0,0,0,0.1);
}
.form-group {
margin-bottom: 15px;
}
label {
display: block;
margin-bottom: 5px;
font-weight: bold;
color: #555;
}
input[type="number"], select {
width: 100%;
padding: 10px;
border: 1px solid #ddd;
border-radius: 5px;
font-size: 16px;
box-sizing: border-box;
```

```
}

button {
width: 100%;
padding: 12px;
background-color: #4CAF50;
color: white;
border: none;
border-radius: 5px;
font-size: 18px;
cursor: pointer;
margin-top: 10px;
}
button:hover {
background-color: #45a049;
}

.result {
margin-top: 20px;
padding: 15px;
background-color: #e7f3e7;
border-radius: 5px;
text-align: center;
font-size: 20px;
color: #2e7d32;
}

.error {
margin-top: 20px;
padding: 15px;
background-color: #ffeb3b;
border-radius: 5px;
text-align: center;
font-size: 16px;
color: #c62828;
}

</style>
</head>
<body>
<h1>Basic Calculator</h1>
<div class="calculator-form">
<form method="POST">
{{ csrf_token }}
<div class="form-group">
<label for="num1">First Number:</label>
<input type="number" id="num1" name="num1" value="{{ num1 }}" required>
</div>
```

```

<div class="form-group">
<label for="num2">Second Number:</label>
<input type="number" id="num2" name="num2" value="{{ num2 }}" required>
</div>
<div class="form-group">
<label for="operation">Operation:</label>
<select id="operation" name="operation">
<option value="add" {% if operation == 'add' %}selected{% endif %}>Addition (+)</option>
<option value="subtract" {% if operation == 'subtract' %}selected{% endif %}>Subtraction (-)</option>
<option value="multiply" {% if operation == 'multiply' %}selected{% endif %}>Multiplication
(*)</option>
<option value="divide" {% if operation == 'divide' %}selected{% endif %}>Division (÷)</option>
</select>
</div>
<button type="submit">Calculate</button>
</form>
{% if result is not None %}
<div class="result">
<strong>Result: {{ result }}</strong>
</div>
{% endif %}
{% if error %}
<div class="error">
{{ error }}
</div>
{% endif %}
</body>
</html>

```

OUTPUT-

Q2. Develop a simple web form that generates the front cover for a magazine. The form should provide the options for selecting the image, background color, changing font size, color etc. Input messages must be taken from the user so as to display it on the front cover with legible font family and font size. The front cover developed should be proportionate to the web page size. Place the css files inside static folder.

Urls.py

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

urlpatterns = [
    path('', views.magazine_cover, name='magazine_cover'),
]
```

Urls.py

```
from django.contrib import admin
from django.urls import path, include

urlpatterns = [
    path('admin/', admin.site.urls),
    path('', include('cover.urls')),
]
```

Views.py

```
from django.shortcuts import render

def magazine_cover(request):
    context = {
        'title': '',
        'subtitle': '',
        'headline1': '',
        'headline2': '',
        'headline3': '',
        'bg_color': '#1a1a2e',
        'title_color': '#fffff',
        'subtitle_color': '#e94560',
        'headline_color': '#fffff',
        'title_size': '48',
        'subtitle_size': '24',
        'headline_size': '18',
        'image_choice': 'fashion',
        'show_preview': False,
    }
    if request.method == 'POST':
        context = {
            'title': request.POST.get('title', 'MAGAZINE'),
            'subtitle': request.POST.get('subtitle', ''),
            'headline1': request.POST.get('headline1', ''),
            'headline2': request.POST.get('headline2', ''),
            'headline3': request.POST.get('headline3', ''),
            'bg_color': request.POST.get('bg_color', '#1a1a2e'),
            'title_color': request.POST.get('title_color', '#fffff'),
            'subtitle_color': request.POST.get('subtitle_color', '#e94560'),
            'headline_color': request.POST.get('headline_color', '#fffff'),
            'title_size': request.POST.get('title_size', '48'),
            'subtitle_size': request.POST.get('subtitle_size', '24'),
            'headline_size': request.POST.get('headline_size', '18'),
            'image_choice': request.POST.get('image_choice', 'fashion'),
            'show_preview': True,
        }
    return render(request, 'cover/index.html', context)
```

Changes in setting.py

```
INSTALLED_APPS = [
    'django.contrib.admin',
    'django.contrib.auth',
    'django.contrib.contenttypes',
    'django.contrib.sessions',
    'django.contrib.messages',
    'django.contrib.staticfiles',
    'cover',
]
```

Index.html

```
{% load static %}

<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="UTF-8">
<meta name="viewport" content="width=device-width, initial-scale=1.0">
<title>Magazine Cover Generator</title>
<link rel="stylesheet" href="{% static 'css/style.css' %}">
</head>
<body>
<h1>Magazine Cover Generator</h1>
<div class="container">
<!-- Form Section --&gt;
&lt;div class="form-section"&gt;
&lt;h2&gt;Design Your Cover&lt;/h2&gt;
&lt;form method="POST"&gt;
    {% csrf_token %}
    <!-- Text Content --&gt;
    &lt;div class="form-group"&gt;
        &lt;label for="title"&gt;Magazine Title:&lt;/label&gt;
        &lt;input type="text" id="title" name="title" value="{{ title }}" placeholder="e.g., VOGUE, TIME, LIFE"&gt;
    &lt;/div&gt;
    &lt;div class="form-group"&gt;
        &lt;label for="subtitle"&gt;Subtitle / Tagline:&lt;/label&gt;
        &lt;input type="text" id="subtitle" name="subtitle" value="{{ subtitle }}" placeholder="e.g., Fashion &amp; Style"&gt;
    &lt;/div&gt;
    &lt;div class="form-group"&gt;
        &lt;label for="headline1"&gt;Headline 1:&lt;/label&gt;</pre>
```

```

<input type="text" id="headline1" name="headline1" value="{{ headline1 }}" placeholder="e.g., Spring Collection 2026">
</div>
<div class="form-group">
<label for="headline2">Headline 2:</label>
<input type="text" id="headline2" name="headline2" value="{{ headline2 }}" placeholder="e.g., Top 10 Trends">
</div>
<div class="form-group">
<label for="headline3">Headline 3:</label>
<input type="text" id="headline3" name="headline3" value="{{ headline3 }}" placeholder="e.g., Exclusive Interview">
</div>
<!-- Image Selection --&gt;
&lt;div class="form-group"&gt;
&lt;label for="image_choice"&gt;Cover Image:&lt;/label&gt;
&lt;select id="image_choice" name="image_choice"&gt;
&lt;option value="fashion" {% if image_choice == 'fashion' %}selected{% endif %}&gt;Fashion Model&lt;/option&gt;
&lt;option value="nature" {% if image_choice == 'nature' %}selected{% endif %}&gt;Nature Landscape&lt;/option&gt;
&lt;option value="city" {% if image_choice == 'city' %}selected{% endif %}&gt;City Skyline&lt;/option&gt;
&lt;option value="abstract" {% if image_choice == 'abstract' %}selected{% endif %}&gt;Abstract Art&lt;/option&gt;
&lt;option value="portrait" {% if image_choice == 'portrait' %}selected{% endif %}&gt;Portrait&lt;/option&gt;
&lt;/select&gt;
&lt;/div&gt;
<!-- Colors --&gt;
&lt;h3 style="margin: 20px 0 15px; color: #333;"&gt;Colors&lt;/h3&gt;
&lt;div class="form-group"&gt;
&lt;label&gt;Background Color:&lt;/label&gt;
&lt;div class="color-input-group"&gt;
&lt;input type="color" id="bg_color" name="bg_color" value="{{ bg_color }}"&gt;
&lt;span&gt;{{ bg_color }}&lt;/span&gt;
&lt;/div&gt;
&lt;/div&gt;
&lt;div class="form-group"&gt;
&lt;label&gt;Title Color:&lt;/label&gt;
&lt;div class="color-input-group"&gt;
&lt;input type="color" id="title_color" name="title_color" value="{{ title_color }}"&gt;
&lt;span&gt;{{ title_color }}&lt;/span&gt;
&lt;/div&gt;
&lt;/div&gt;
&lt;div class="form-group"&gt;
</pre>

```

```

<label>Subtitle Color:</label>
<div class="color-input-group">
<input type="color" id="subtitle_color" name="subtitle_color" value="{{ subtitle_color }}">
<span>{{ subtitle_color }}</span>
</div>
</div>
<div class="form-group">
<label>Headlines Color:</label>
<div class="color-input-group">
<input type="color" id="headline_color" name="headline_color" value="{{ headline_color }}">
<span>{{ headline_color }}</span>
</div>
</div>
<!-- Font Sizes -->
<h3 style="margin: 20px 0 15px; color: #333;">Font Sizes (px)</h3>
<div class="form-row">
<div class="form-group">
<label for="title_size">Title:</label>
<input type="number" id="title_size" name="title_size" value="{{ title_size }}" min="20" max="80">
</div>
<div class="form-group">
<label for="subtitle_size">Subtitle:</label>
<input type="number" id="subtitle_size" name="subtitle_size" value="{{ subtitle_size }}" min="12" max="40">
</div>
<div class="form-group">
<label for="headline_size">Headlines:</label>
<input type="number" id="headline_size" name="headline_size" value="{{ headline_size }}" min="10" max="30">
</div>
</div>
<button type="submit" class="btn-generate">Generate Cover</button>
</form>
</div>
<!-- Preview Section -->
<div class="preview-section">
<h2>Preview</h2>
{%
  if show_preview %}
<div class="magazine-cover" style="background-color: {{ bg_color }};">
<!-- Cover Image based on selection -->
{%
  if image_choice == 'fashion' %}

{%
  elif image_choice == 'nature' %}

```

```
  
{% elif image_choice == 'city' %}  
  
{% elif image_choice == 'abstract' %}  
  
{% elif image_choice == 'portrait' %}  
  
{% endif %}  
<div class="cover-overlay"></div>  
<div class="cover-content">  
{% if title %}  
<div class="magazine-title" style="color: {{ title_color }}; font-size: {{ title_size }}px;">  
{{ title }}  
</div>  
{% endif %}  
{% if subtitle %}  
<div class="magazine-subtitle" style="color: {{ subtitle_color }}; font-size: {{ subtitle_size }}px;">  
{{ subtitle }}  
</div>  
{% endif %}  
<div class="headlines">  
{% if headline1 %}  
<div class="headline" style="color: {{ headline_color }}; font-size: {{ headline_size }}px; border-color:  
{{ subtitle_color }};">  
{{ headline1 }}  
</div>  
{% endif %}  
{% if headline2 %}  
<div class="headline" style="color: {{ headline_color }}; font-size: {{ headline_size }}px; border-color:  
{{ subtitle_color }};">  
{{ headline2 }}  
</div>  
{% endif %}  
{% if headline3 %}  
<div class="headline" style="color: {{ headline_color }}; font-size: {{ headline_size }}px; border-color:  
{{ subtitle_color }};">  
{{ headline3 }}  
</div>  
{% endif %}  
</div>
```

```
</div>
</div>
{% else %}
<div class="no-preview">
<p>Fill in the form and click "Generate Cover" to see your magazine cover preview</p>
</div>
<% endif %}
</div>
</div>
</body>
</html>
```

Style.css

```
/* Magazine Cover Generator Styles */

* {
margin: 0;
padding: 0;
box-sizing: border-box;
}

body {
font-family: 'Segoe UI', Tahoma, Geneva, Verdana, sans-serif;
background: linear-gradient(135deg, #667eea 0%, #764ba2 100%);
min-height: 100vh;
padding: 20px;
}

.container {
max-width: 1400px;
margin: 0 auto;
display: flex;
gap: 30px;
flex-wrap: wrap;
}

h1 {
text-align: center;
color: white;
margin-bottom: 30px;
font-size: 2.5rem;
text-shadow: 2px 2px 4px rgba(0,0,0,0.3);
```

```
width: 100%;  
}  
  
/* Form Styling */  
.form-section {  
flex: 1;  
min-width: 350px;  
background: white;  
padding: 30px;  
border-radius: 15px;  
box-shadow: 0 10px 30px rgba(0,0,0,0.2);  
}  
  
.form-section h2 {  
color: #333;  
margin-bottom: 20px;  
padding-bottom: 10px;  
border-bottom: 2px solid #667eea;  
}  
  
.form-group {  
margin-bottom: 20px;  
}  
  
.form-group label {  
display: block;  
margin-bottom: 8px;  
font-weight: 600;  
color: #444;  
}  
  
.form-group input[type="text"],  
.form-group input[type="number"],  
.form-group select {  
width: 100%;  
padding: 12px;  
border: 2px solid #e0e0e0;  
border-radius: 8px;  
font-size: 14px;  
transition: border-color 0.3s;  
}  
  
.form-group input[type="text"]:focus,
```

```
.form-group input[type="number"]:focus,  
.form-group select:focus {  
outline: none;  
border-color: #667eea;  
}  
  
.form-group input[type="color"] {  
width: 60px;  
height: 40px;  
border: none;  
border-radius: 8px;  
cursor: pointer;  
}  
  
.color-input-group {  
display: flex;  
align-items: center;  
gap: 15px;  
}  
  
.color-input-group span {  
color: #666;  
font-size: 14px;  
}  
  
.form-row {  
display: flex;  
gap: 15px;  
}  
  
.form-row .form-group {  
flex: 1;  
}  
  
.btn-generate {  
width: 100%;  
padding: 15px;  
background: linear-gradient(135deg, #667eea 0%, #764ba2 100%);  
color: white;  
border: none;  
border-radius: 10px;  
font-size: 18px;  
font-weight: 600;
```

```
cursor: pointer;
transition: transform 0.3s, box-shadow 0.3s;
}

.btn-generate:hover {
transform: translateY(-2px);
box-shadow: 0 5px 20px rgba(102, 126, 234, 0.4);
}

/* Preview Section */
.preview-section {
flex: 1;
min-width: 350px;
display: flex;
flex-direction: column;
align-items: center;
}

.preview-section h2 {
color: white;
margin-bottom: 20px;
text-shadow: 1px 1px 3px rgba(0,0,0,0.3);
}

/* Magazine Cover Styling */
.magazine-cover {
width: 100%;
max-width: 400px;
aspect-ratio: 8.5 / 11;
border-radius: 10px;
box-shadow: 0 20px 50px rgba(0,0,0,0.4);
overflow: hidden;
position: relative;
display: flex;
flex-direction: column;
}

.cover-image {
position: absolute;
top: 0;
left: 0;
width: 100%;
height: 100%;
```

```
object-fit: cover;
z-index: 1;
}

.cover-overlay {
position: absolute;
top: 0;
left: 0;
width: 100%;
height: 100%;
background: linear-gradient(180deg, rgba(0,0,0,0.3) 0%, rgba(0,0,0,0.1) 50%, rgba(0,0,0,0.5) 100%);
z-index: 2;
}

.cover-content {
position: relative;
z-index: 3;
padding: 25px;
height: 100%;
display: flex;
flex-direction: column;
}

.magazine-title {
font-family: 'Georgia', serif;
font-weight: bold;
text-transform: uppercase;
letter-spacing: 8px;
text-align: center;
text-shadow: 2px 2px 4px rgba(0,0,0,0.5);
}

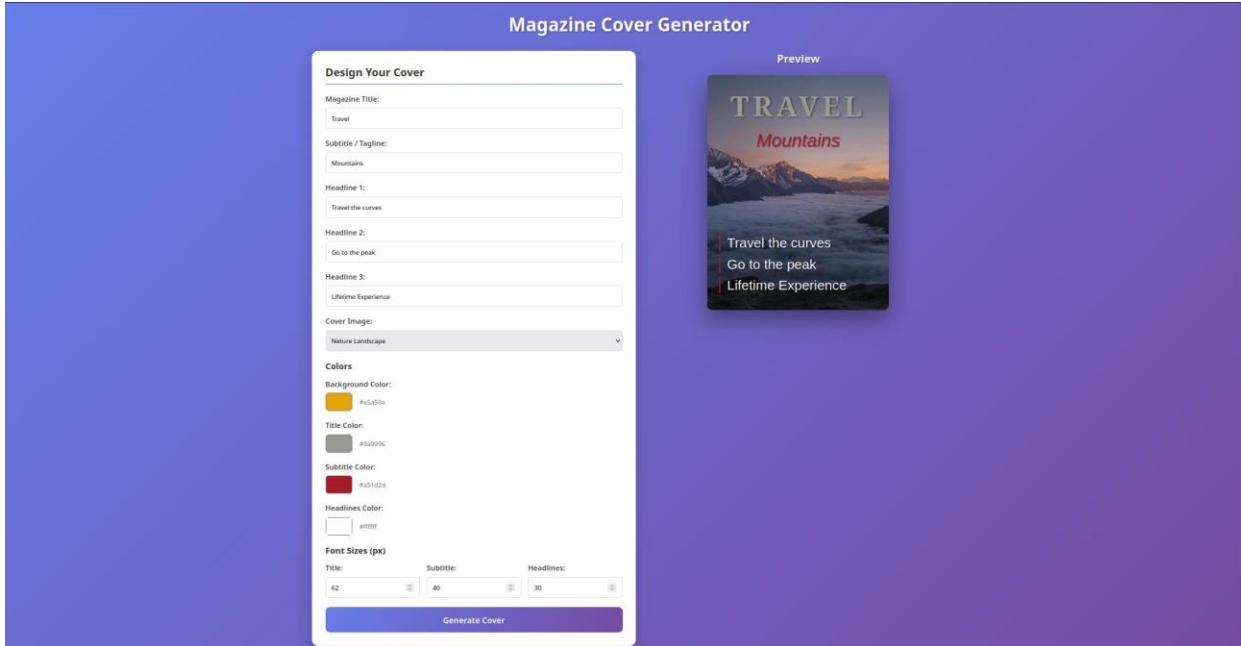
.magazine-subtitle {
font-family: 'Arial', sans-serif;
text-align: center;
margin-top: 10px;
font-style: italic;
text-shadow: 1px 1px 2px rgba(0,0,0,0.5);
}

.headlines {
margin-top: auto;
padding-top: 20px;
```

```
}
```

```
.headline {  
font-family: 'Arial', sans-serif;  
margin-bottom: 12px;  
padding-left: 15px;  
border-left: 3px solid;  
text-shadow: 1px 1px 2px rgba(0,0,0,0.5);  
}  
  
/* No Preview Message */  
.no-preview {  
width: 100%;  
max-width: 400px;  
aspect-ratio: 8.5 / 11;  
background: rgba(255,255,255,0.1);  
border-radius: 10px;  
display: flex;  
align-items: center;  
justify-content: center;  
color: white;  
font-size: 18px;  
text-align: center;  
padding: 40px;  
border: 2px dashed rgba(255,255,255,0.3);  
}  
  
/* Responsive Design */  
@media (max-width: 800px) {  
.container {  
flex-direction: column;  
}  
.form-section, .preview-section {  
min-width: 100%;  
}  
h1 {  
font-size: 1.8rem;  
}  
}
```

Output -



Q3. Design a simple web application to provide information about a book. The home page of the application should display the cover page of the book along with three hyperlinks: Metadata, Reviews, Publisher info. Give provision to revert to home page from any other page.

Urls.py

```
from django.contrib import admin
from django.urls import path, include

urlpatterns = [
    path('admin/', admin.site.urls),
    path('', include('bookinfo.urls')),
]
```

Urls.py

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

urlpatterns = [
    path('', views.home, name='home'),
    path('metadata/', views.metadata, name='metadata'),
    path('reviews/', views.reviews, name='reviews'),
    path('publisher/', views.publisher, name='publisher'),
]
```

Views.py

```
from django.shortcuts import render
```

```
def home(request):
book = {
'title': 'The Great Gatsby',
'author': 'F. Scott Fitzgerald',
'cover_image': 'https://images.unsplash.com/photo-1544947950-fa07a98d237f?w=400&h=600&fit=crop',
}
return render(request, 'bookinfo/home.html', {'book': book})
```

```
def metadata(request):
book = {
'title': 'The Great Gatsby',
'author': 'F. Scott Fitzgerald',
'isbn': '978-0-7432-7356-5',
'language': 'English',
'pages': 180,
'genre': 'Novel, Fiction, Tragedy',
'published_date': 'April 10, 1925',
'format': 'Hardcover, Paperback, eBook',
}
return render(request, 'bookinfo/metadata.html', {'book': book})
```

```
def reviews(request):
book = {
'title': 'The Great Gatsby',
}
reviews_list = [
{
'reviewer': 'The New York Times',
'rating': 5,
'comment': 'A masterpiece of American literature that captures the essence of the Jazz Age.',
},
{
```

```

'reviewer': 'Literary Digest',
'rating': 4,
'comment': 'Fitzgerald\\\'s prose is elegant and evocative, painting vivid pictures of 1920s New York.',
},
{
'reviewer': 'Book Review Magazine',
'rating': 5,
'comment': 'An enduring classic that explores themes of wealth, love, and the American Dream.',
},
]
return render(request, 'bookinfo/reviews.html', {'book': book, 'reviews': reviews_list})

```

```

def publisher(request):
publisher_info = {
'name': 'Charles Scribner\\\'s Sons',
'address': '597 Fifth Avenue, New York, NY 10017',
'phone': '+1 (212) 555-0123',
'email': 'contact@scribners.com',
'website': 'www.scribners.com',
'founded': '1846',
'description': 'Charles Scribner\\\'s Sons is an American publisher based in New York City, known for publishing works by Ernest Hemingway, F. Scott Fitzgerald, and many other notable authors.',
}
book = {
'title': 'The Great Gatsby',
}
return render(request, 'bookinfo/publisher.html', {'publisher': publisher_info, 'book': book})

```

Changes in setting.py

```

INSTALLED_APPS = [
'django.contrib.admin',
'django.contrib.auth',
'django.contrib.contenttypes',
'django.contrib.sessions',
'django.contrib.messages',
'django.contrib.staticfiles',
'bookinfo',
]

```

Index.html

```
<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="UTF-8">
<meta name="viewport" content="width=device-width, initial-scale=1.0">
<title>{{ book.title }} - Book Information</title>
<style>
* {
margin: 0;
padding: 0;
box-sizing: border-box;
}
body {
font-family: 'Georgia', serif;
background: linear-gradient(135deg, #1a1a2e 0%, #16213e 100%);
min-height: 100vh;
display: flex;
justify-content: center;
align-items: center;
padding: 40px 20px;
}
.container {
text-align: center;
max-width: 500px;
}
h1 {
color: #f0e68c;
font-size: 2.5rem;
margin-bottom: 10px;
text-shadow: 2px 2px 4px rgba(0,0,0,0.3);
}
.author {
color: #ccc;
font-size: 1.2rem;
font-style: italic;
margin-bottom: 30px;
}
.book-cover {
width: 280px;
height: 420px;
object-fit: cover;
border-radius: 8px;
box-shadow: 0 20px 60px rgba(0,0,0,0.5);
```

```
margin-bottom: 40px;
transition: transform 0.3s;
}
.book-cover:hover {
transform: scale(1.02);
}
.nav-links {
display: flex;
flex-direction: column;
gap: 15px;
}
.nav-links a {
display: block;
padding: 15px 30px;
background: linear-gradient(135deg, #e94560 0%, #c23a51 100%);
color: white;
text-decoration: none;
border-radius: 8px;
font-size: 1.1rem;
font-weight: bold;
transition: transform 0.3s, box-shadow 0.3s;
}
.nav-links a:hover {
transform: translateY(-3px);
box-shadow: 0 10px 30px rgba(233, 69, 96, 0.4);
}
</style>
</head>
<body>
<div class="container">
<h1>{{ book.title }}</h1>
<p class="author">by {{ book.author }}</p>

<nav class="nav-links">
<a href="/metadata/">Metadata</a>
<a href="/reviews/">Reviews</a>
<a href="/publisher/">Publisher Info</a>
</nav>
</div>
</body>
</html>
```

Metadata.html

```
<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="UTF-8">
<meta name="viewport" content="width=device-width, initial-scale=1.0">
<title>Metadata - {{ book.title }}</title>
<style>
* {
margin: 0;
padding: 0;
box-sizing: border-box;
}
body {
font-family: 'Georgia', serif;
background: linear-gradient(135deg, #1a1a2e 0%, #16213e 100%);
min-height: 100vh;
padding: 40px 20px;
}
.container {
max-width: 600px;
margin: 0 auto;
background: white;
border-radius: 15px;
padding: 40px;
box-shadow: 0 20px 60px rgba(0,0,0,0.3);
}
h1 {
color: #1a1a2e;
font-size: 2rem;
margin-bottom: 10px;
text-align: center;
}
.subtitle {
color: #e94560;
text-align: center;
margin-bottom: 30px;
font-style: italic;
}
.metadata-table {
width: 100%;
border-collapse: collapse;
```

```
}

.metadata-table tr {
border-bottom: 1px solid #eee;
}
.metadata-table tr:last-child {
border-bottom: none;
}
.metadata-table th {
text-align: left;
padding: 15px 10px;
color: #666;
font-weight: normal;
width: 40%;
}
.metadata-table td {
padding: 15px 10px;
color: #333;
font-weight: bold;
}
.home-link {
display: block;
text-align: center;
margin-top: 30px;
padding: 15px 30px;
background: linear-gradient(135deg, #e94560 0%, #c23a51 100%);
color: white;
text-decoration: none;
border-radius: 8px;
font-weight: bold;
transition: transform 0.3s, box-shadow 0.3s;
}
.home-link:hover {
transform: translateY(-3px);
box-shadow: 0 10px 30px rgba(233, 69, 96, 0.4);
}

</style>
</head>
<body>
<div class="container">
<h1>Book Metadata</h1>
<p class="subtitle">{{ book.title }}</p>
<table class="metadata-table">
<tr>
<th>Title</th>
```

```

<td>{{ book.title }}</td>
</tr>
<tr>
<th>Author</th>
<td>{{ book.author }}</td>
</tr>
<tr>
<th>ISBN</th>
<td>{{ book.isbn }}</td>
</tr>
<tr>
<th>Language</th>
<td>{{ book.language }}</td>
</tr>
<tr>
<th>Pages</th>
<td>{{ book.pages }}</td>
</tr>
<tr>
<th>Genre</th>
<td>{{ book.genre }}</td>
</tr>
<tr>
<th>Published Date</th>
<td>{{ book.published_date }}</td>
</tr>
<tr>
<th>Format</th>
<td>{{ book.format }}</td>
</tr>
</table>
<a href="/" class="home-link">Back to Home</a>
</div>
</body>
</html>

```

Reviews.html

```

<!DOCTYPE html>
<html lang="en">
<head>

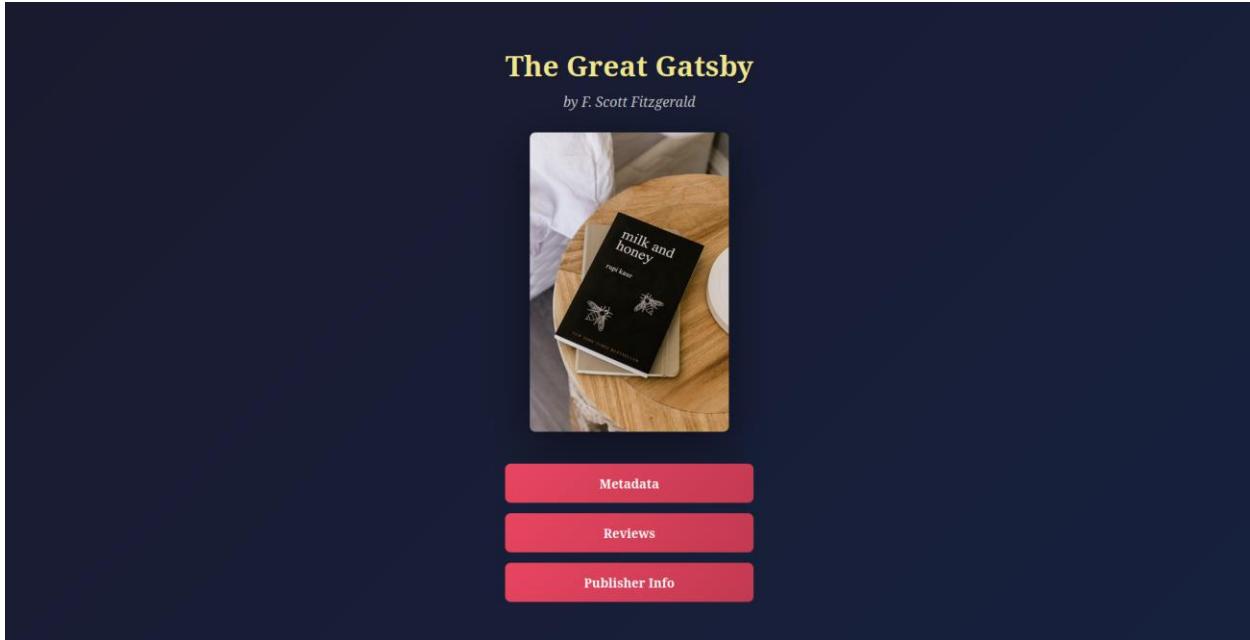
```

```
<meta charset="UTF-8">
<meta name="viewport" content="width=device-width, initial-scale=1.0">
<title>Reviews - {{ book.title }}</title>
<style>
* {
margin: 0;
padding: 0;
box-sizing: border-box;
}
body {
font-family: 'Georgia', serif;
background: linear-gradient(135deg, #1a1a2e 0%, #16213e 100%);
min-height: 100vh;
padding: 40px 20px;
}
.container {
max-width: 700px;
margin: 0 auto;
background: white;
border-radius: 15px;
padding: 40px;
box-shadow: 0 20px 60px rgba(0,0,0,0.3);
}
h1 {
color: #1a1a2e;
font-size: 2rem;
margin-bottom: 10px;
text-align: center;
}
.subtitle {
color: #e94560;
text-align: center;
margin-bottom: 30px;
font-style: italic;
}
.review-card {
background: #f8f9fa;
border-radius: 10px;
padding: 25px;
margin-bottom: 20px;
border-left: 4px solid #e94560;
}
.reviewer {
font-weight: bold;
```

```
color: #1a1a2e;
font-size: 1.1rem;
margin-bottom: 10px;
}
.stars {
color: #f0e68c;
font-size: 1.2rem;
margin-bottom: 15px;
}
.comment {
color: #555;
line-height: 1.6;
font-style: italic;
}
.home-link {
display: block;
text-align: center;
margin-top: 30px;
padding: 15px 30px;
background: linear-gradient(135deg, #e94560 0%, #c23a51 100%);
color: white;
text-decoration: none;
border-radius: 8px;
font-weight: bold;
transition: transform 0.3s, box-shadow 0.3s;
}
.home-link:hover {
transform: translateY(-3px);
box-shadow: 0 10px 30px rgba(233, 69, 96, 0.4);
}
</style>
</head>
<body>
<div class="container">
<h1>Book Reviews</h1>
<p class="subtitle">{{ book.title }}</p>
{# for review in reviews %}
<div class="review-card">
<p class="reviewer">{{ review.reviewer }}</p>
<p class="stars">
{# for i in "12345" %}
{# if forloop.counter <= review.rating %}★{# else %}☆{# endif %}
{# endfor %}
</p>
```

```
<p class="comment">"{{ review.comment }}</p>
</div>
{% endfor %}
<a href="/" class="home-link">Back to Home</a>
</div>
</body>
</html>
```

Output -



Book Metadata

The Great Gatsby

Title	The Great Gatsby
Author	F. Scott Fitzgerald
ISBN	978-0-7432-7356-5
Language	English
Pages	180
Genre	Novel, Fiction, Tragedy
Published Date	April 10, 1925
Format	Hardcover, Paperback, eBook

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