AEM FINAL TASK

IMPLEMENTATION STEPS :

1. HEADER (OOTB component + navigation)

Steps:

1. Use the OOTB Header component.
2. Add navigation links:
    a. Home
    b. News (dropdown)
        i. News1
        ii. News2
        iii. News3 ...
    c. About Me
    d. Contact Me

Implementation (HTL):
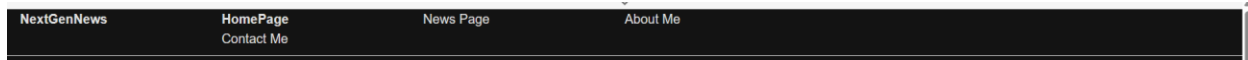
In your template:

```
<nav>
  <ul class="nav">
    <li><a href="/content/newsroom/home.html">Home</a></li>
    <li class="dropdown">
      <a href="/content/newsroom/news.html">News</a>
      <ul class="dropdown-content">
        <li><a href="/content/newsroom/news/news1.html">News
1</a></li>
        <li><a href="/content/newsroom/news/news2.html">News
2</a></li>
        <!-- add more dynamically if needed -->
      </ul>
    </li>
    <li><a href="/content/newsroom/about-me.html">About Me</a></li>
    <li><a href="/content/newsroom/contact-me.html">Contact
Me</a></li>
  </ul>
```

```
</nav>
```

Style using custom `clientlibs`.

2. FOOTER

Sections:

- About Me
- Contact Me
- Latest 5 News with hyperlinks (open in new tab)
- Social Media Links

Implementation (HTL + Java for dynamic news links):

HTL:

```
<div class="footer">
  <div class="about">About Me: A passionate journalist...</div>
  <div class="contact">Contact: journalist@example.com</div>
  <div class="latest-news">
    <h4>Latest News</h4>
    <ul data-sly-use.newsList="com.news.core.models.NewsListModel">
      <li data-sly-list="${newsList.latestNews}">
        <a href="${item.link}" target="_blank">${item.title}</a>
      </li>
    </ul>
  </div>
  <div class="social">
    <a href="https://twitter.com/..." target="_blank">Twitter</a>
    <a href="https://linkedin.com/..." target="_blank">LinkedIn</a>
  </div>
</div>
```

Java Model (NewsListModel.java):

```java
@Model(adaptables = Resource.class)
public class NewsListModel {

    @Inject
    private ResourceResolver resourceResolver;

    public List<NewsItem> getLatestNews() {
        List<NewsItem> newsItems = new ArrayList<>();
        PageManager pageManager =
resourceResolver.adaptTo(PageManager.class);
        Page newsRoot = pageManager.getPage("/content/newsroom/news");

        if (newsRoot != null) {
            Iterator<Page> children = newsRoot.listChildren();
            children.forEachRemaining(page -> {
                newsItems.add(new NewsItem(page.getTitle(),
page.getPath() + ".html"));
            });
        }
        return
newsItems.stream().limit(5).collect(Collectors.toList());
    }

    public class NewsItem {
        private String title, link;
        public NewsItem(String title, String link) { this.title =
title; this.link = link; }
        public String getTitle() { return title; }
        public String getLink() { return link; }
    }
}
```

3. HOME PAGE

- Template: OOTB Content Page
- Use `Teaser` component to display journalist award

Teaser Setup:

Drag-and-drop `Teaser` in page editor:

- Image: Upload award image
- Title: "National Journalism Award 2024"
- Description: "Recognized for outstanding contributions to investigative journalism."
- CTA: Link to award detail page (e.g., `/content/newsroom/news/award-details.html`)
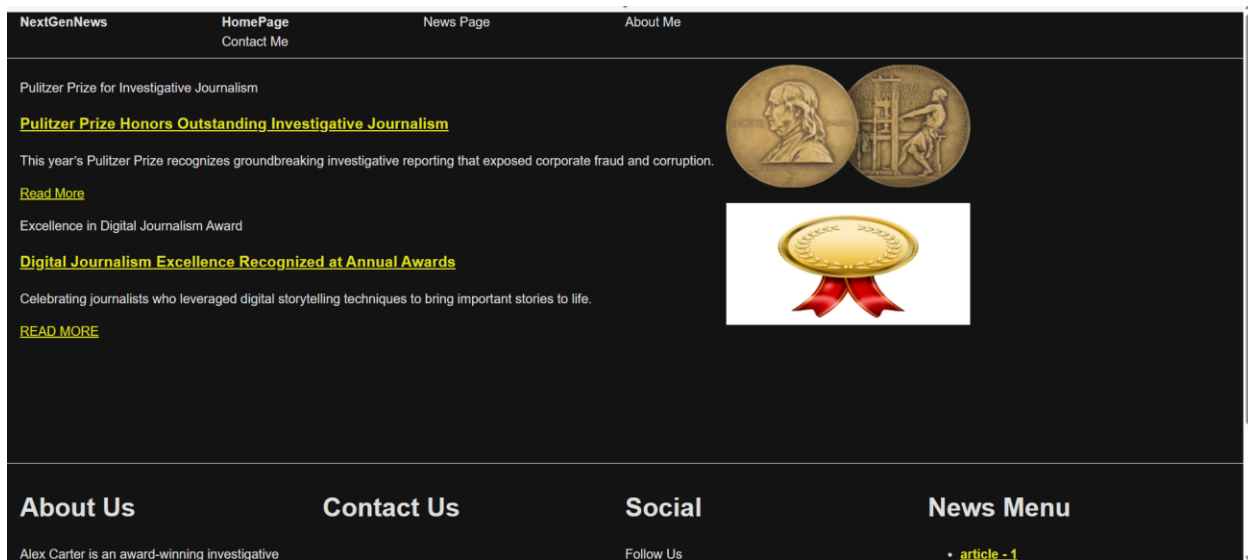
4. NEWS PAGE (Dynamic News Cards)

Page: /content/newsroom/news

Custom Component: NewsRoom component

Sling Model (NewsRoomModel.java):

```java
@Model(adaptables = SlingHttpServletRequest.class,
defaultInjectionStrategy = DefaultInjectionStrategy.OPTIONAL)
public class NewsRoomModel {

    @Inject
    private ResourceResolver resourceResolver;

    public List<NewsCard> getNewsCards() {
        List<NewsCard> cards = new ArrayList<>();
        PageManager pageManager =
resourceResolver.adaptTo(PageManager.class);
        Page parent = pageManager.getPage("/content/newsroom/news");

        if (parent != null) {
            Iterator<Page> children = parent.listChildren();
            while (children.hasNext()) {
                Page child = children.next();
                String title = child.getTitle();
                String image =
child.getContentResource().getChild("image").getValueMap().get("fileRe
ference", "");
                String description =
child.getContentResource().getChild("text").getValueMap().get("text",
"");
                cards.add(new NewsCard(title, description, image));
            }
        }
        return cards;
    }
```

```
public class NewsCard {
    private String title, description, image;
    public NewsCard(String title, String description, String
image) {
        this.title = title; this.description = description;
this.image = image;
    }
    public String getTitle() { return title; }
    public String getDescription() { return description; }
    public String getImage() { return image; }
}
}
```

HTL (newsroom.html):

```html
<div class="news-room" data-sly-
use.model="com.news.core.models.NewsRoomModel">
  <div class="card" data-sly-list.card="${model.newsCards}">
    <img src="${card.image}" alt="${card.title}" />
    <h3>${card.title}</h3>
    <p>${card.description}</p>
  </div>
</div>
```

☐ ▪ en	❯	☐ ▪ HomePage homepage		☐ ▪ article - 5 article_5
☐ ▪ NextGenNews nextgennews-	❯	☐ ▪ News Page news-page	❯	☐ ▪ article - 4 article_30
		☐ ▪ About Me about-me		☐ ▪ article - 3 article_3
		☐ ▪ Contact Me contact-me		☐ ▪ article - 2 article_2
				☐ ▪ article - 1 article_1
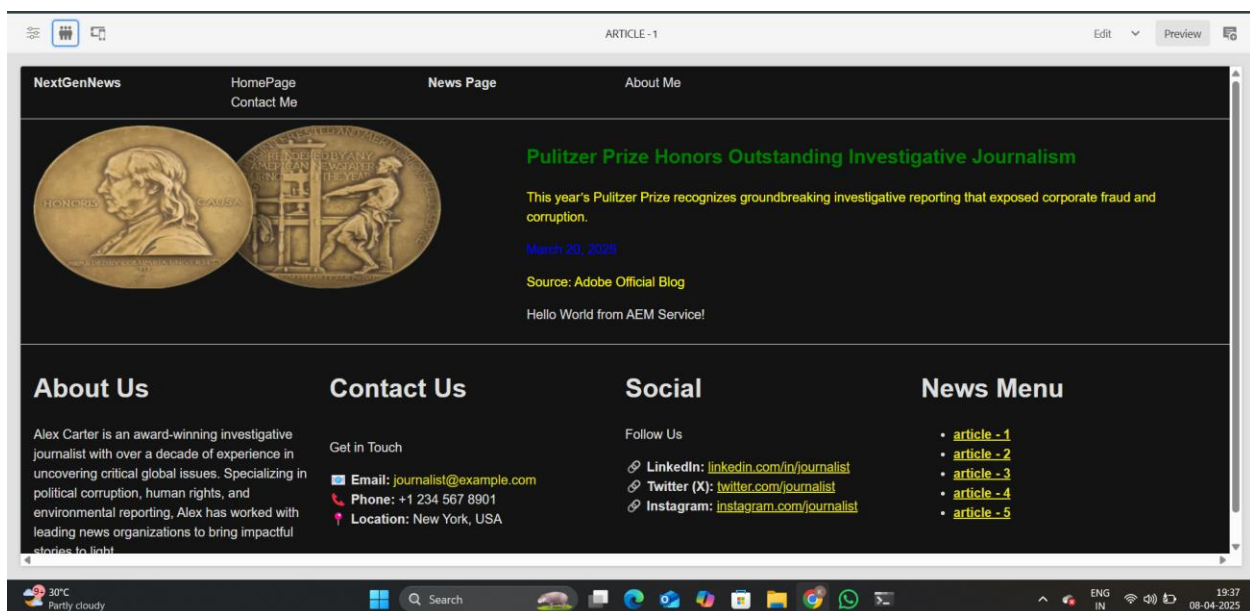
5. ABOUT ME PAGE

- Use only `Journalist` custom component.

Journalist Component HTL:

```
<div class="journalist">
  <img src="${properties.image}" alt="Journalist" />
  <h2>${properties.name}</h2>
  <p>${properties.bio}</p>
</div>
```

Dialog Fields:

- Name
- Bio

ABOUT ME

- **Name:** *Alex Carter*
- **Profile Image:** *(Professional headshot of Alex Carter)*
- **Title:** *Investigative Journalist & Media Analyst*
- **Bio:**
  Alex Carter is an award-winning investigative journalist with over a decade of experience in uncovering critical global issues. Specializing in political corruption, human rights, and environmental reporting, Alex has worked with leading news organizations to bring impactful stories to light. Passionate about ethical journalism, Alex continues to shape public discourse through in-depth analysis and fearless reporting.
- **Key Achievements:**
  - **Pulitzer Prize Winner (2022)** – Investigative Reporting
  - **Excellence in Digital Journalism Award (2021)**
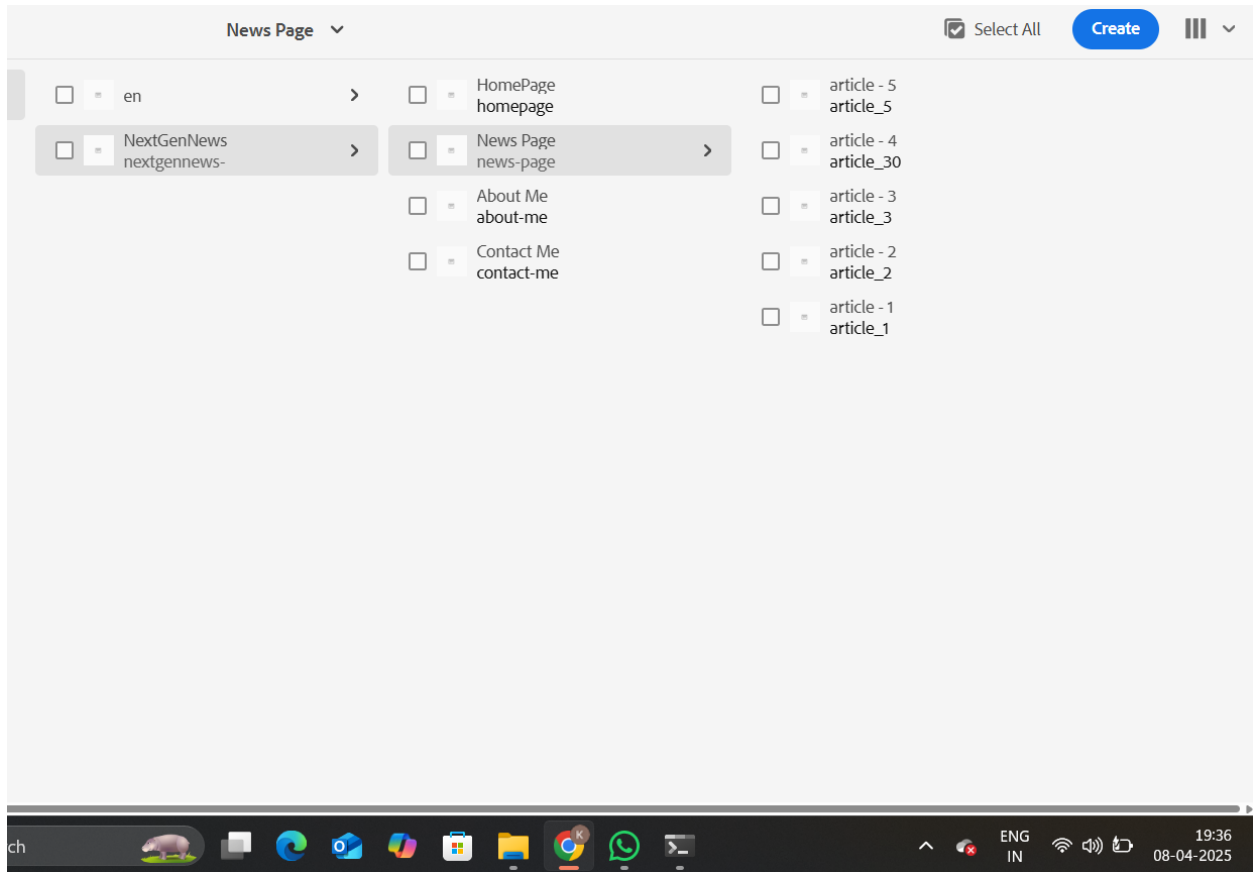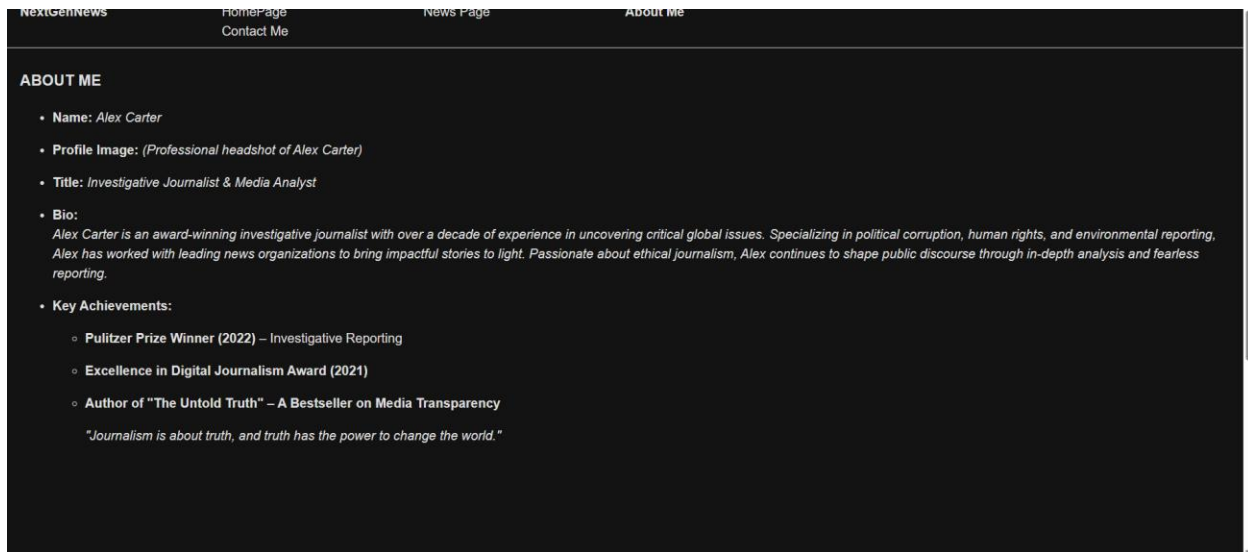 - **Author of "The Untold Truth"** – A Bestseller on Media Transparency

    "Journalism is about truth, and truth has the power to change the world."

6. CONTACT ME PAGE

- Use Text or Teaser component

Suggested Content:

- Email ID
- Phone Number
- LinkedIn, Twitter links

NextGenNews   HomePage   News Page   About Me
                     Contact Me

Contact Details:

📧 **Email:** journalist@example.com
📞 **Phone:** +1 234 567 8901
📍 **Location:** New York, USA

Social Media Links:

🔗 **LinkedIn:** linkedin.com/in/journalist
🔗 **Twitter (X):** twitter.com/journalist
🔗 **Instagram:** instagram.com/journalist

About Us

Alex Carter is an award-winning investigative journalist with over a decade of experience in uncovering critical global issues. Specializing in

Contact Us

Get in Touch

📧 **Email:** journalist@example.com

Social

Follow Us

🔗 **LinkedIn:** linkedin.com/in/journalist
🔗 **Twitter (X):** twitter.com/journalist

News Menu

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