

Creating a news application involves several components, including the user interface, backend server, and data handling. Below is a simple example of source code for a basic news application using Python with Flask for the backend and HTML for the frontend.

### 1. Backend (Flask):

First, you need to install Flask if you haven't already. You can do this using pip:

```
```bash
pip install Flask
```
```

Now, create a file named `app.py` for your Flask application:

```
```python
from flask import Flask, render_template
import requests

app = Flask(__name__)

@app.route('/')
def home():
    # You can use a news API like NewsAPI to fetch news articles
    url = 'https://newsapi.org/v2/top-headlines?country=us&apiKey=YOUR_API_KEY'
    response = requests.get(url)
    news_data = response.json()
```
```

```
articles = news_data['articles']
return render_template('index.html', articles=articles)
```

```
if __name__ == '__main__':
    app.run(debug=True)
...
```

## 2. Frontend (HTML):

Create a folder named `templates` in the same directory as `app.py`. Inside the `templates` folder, create a file named `index.html`:

```
``html
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-
scale=1.0">
    <title>News Application</title>
</head>
<body>
    <h1>Latest News</h1>
    <ul>
        {% for article in articles %}
            <li>
                <h2>{{ article.title }}</h2>
                <p>{{ article.description }}</p>
                <a href="{{ article.url }}" target="_blank">Read more</a>
```

```
</li>
    {% endfor %}
</ul>
</body>
</html>
...
```

### 3. Running the Application:

Make sure you replace `YOUR\_API\_KEY` in the `app.py` file with your actual API key from NewsAPI. To run your application, execute the following command in your terminal:

```
``bash
python app.py
...
```

This will start a web server, and you can open your browser and go to `http://127.0.0.1:5000/` to see your news application in action.

This is a basic example to get you started. You can expand this project by adding features like user authentication, saving favorite articles, or filtering news by categories. If you need more help or specific features, feel free to ask!