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**FACULTY OF OCEAN ENGINEERING TECHNOLOGY AND INFORMATICS**

**CSF3133**

**Web-Based User Interface Design**

**Web Site Topic**

**WEBSITE FOR BROADCASTING NEWS**

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## Table of Contents

Introduction.....	3
1.1 Purpose of the website .....	3
1.2 Goal of the Website .....	3
1.3 Intended Audience .....	3
1.4 Opportunity/ Problems/ Issues.....	4
1.5 Type of Content .....	4
1.6 Related Websites.....	4
Web Design.....	5
2.1 Page Title .....	5
2.2 List of Sources .....	6
2.3 Site Map.....	7
2.4 Wireframe .....	8
User Interface Design .....	11
3.1 Homepage .....	11
3.2 Main Content Page.....	12
3.3 Article Page.....	13
3.4 About Us .....	14
Conclusion .....	15
Appendix.....	16

# **Introduction**

## **1.1 Purpose of the website**

- This news website is designed to keep the public well-informed with the latest and most relevant information. As a digital platform, it allows news organizations to easily share articles, videos, and other content. With advanced technology, the website ensures quick and widespread distribution of breaking news, helping users stay up to date on current events. It offers a variety of content formats, from detailed articles to engaging multimedia, catering to different preferences.

In addition to sharing news, the website encourages interaction and discussion. Features like comments and social media integration create a lively online community where people can share their views and exchange ideas. In a time where information is crucial, this website plays a vital role in promoting transparency, awareness, and an informed society.

## **1.2 Goal of the Website**

- Our main objective is to provide news coverage that encompasses a diverse range of perspectives and comprehensive reading for our readers. We aim to stay relevant in the ever-changing landscape of current technology trends. By offering news from various viewpoints, we strive to present a well-rounded and insightful understanding of events and issues. Additionally, we recognize the importance of adapting to the ongoing technology wave, ensuring that our platform remains up-to-date and accessible to our audience. Through this commitment, we seek to deliver an enriching and dynamic news experience that resonates with the diverse interests and preferences of our readers.

## **1.3 Intended Audience**

- The audience for news is diverse and encompasses general news consumers interested in staying informed globally, professionals seeking industry-specific insights, students and educators, politically engaged individuals, local community members impacted by regional news, enthusiasts passionate about various topics, global citizens with a broad perspective, socially conscious readers interested in societal issues, digital natives comfortable with online news consumption, seniors and retirees with more time for news, and parents and families concerned about topics affecting their children.

## **1.4 Opportunity/ Problems/ Issues**

- News websites have the opportunity to provide timely, accurate, and diverse information to a global audience, fostering an informed and engaged citizenry. They play a crucial role in democratic societies by delivering news that educates, empowers, and facilitates public discourse. However, news websites also face challenges, including the proliferation of misinformation, the need to adapt to rapidly changing technology and consumer habits, and the imperative to maintain editorial integrity and trust. Balancing the demands for speed with the necessity of accuracy is an ongoing challenge, and news organizations must navigate the digital landscape to sustain financial viability while upholding journalistic principles. Addressing these issues requires a commitment to journalistic ethics, technological innovation, and audience engagement strategies to ensure the continued relevance and impact of news websites in an ever-evolving media landscape.

## **1.5 Type of Content**

- Multimedia and news articles are the two primary content categories on my news website. To keep readers informed, the articles cover a variety of subjects including breaking news, features, opinions, and interviews. In the meantime, multimedia content such as images and videos gives the stories a visual component that makes the news more interesting and thorough for the viewer. This combination of multimedia and news articles guarantees readers comprehensive and understandable coverage of the most recent events.

## **1.6 Related Websites**

- Sites related to news that we discovered on the internet include BBC News, Al Jazeera, and The New York Times, BBC News, known for its comprehensive global coverage, Al Jazeera, which offers a unique perspective with a focus on international affairs, and The New York Times, which is known for in-depth and investigative reporting, are all prominent news websites that cater to a wide range of audiences.

## Web Design

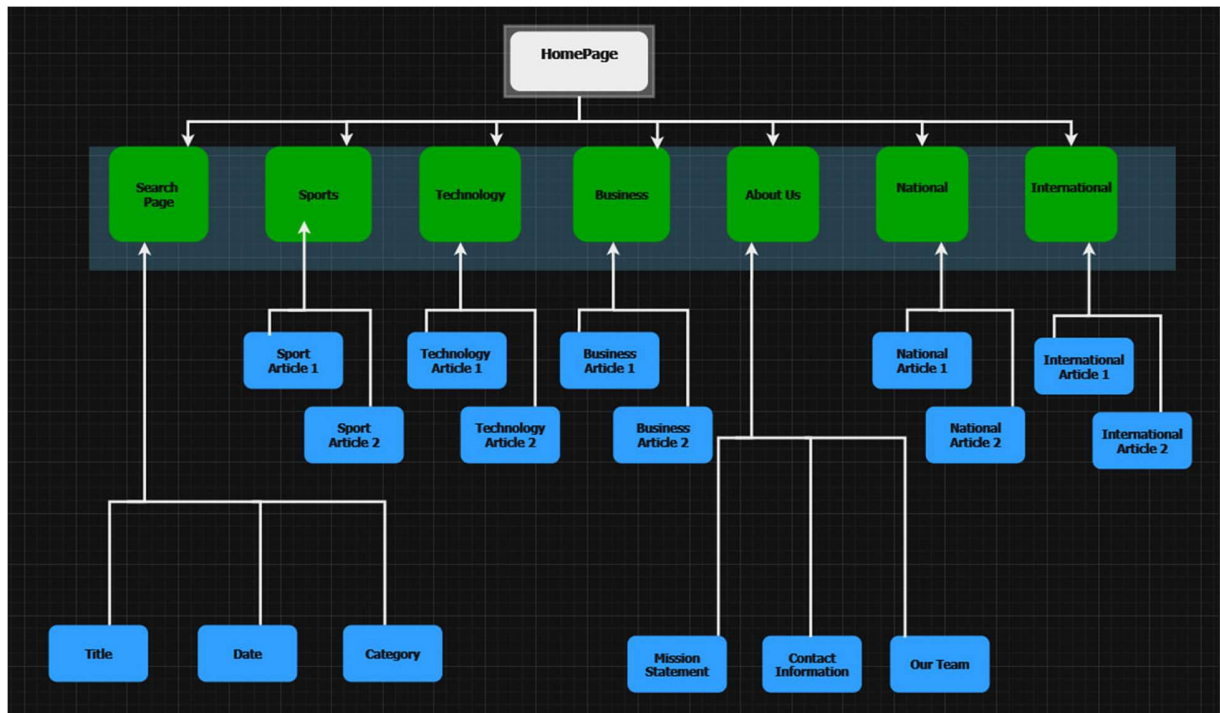
### 2.1 Page Title

- Home Page: "Breaking News and Featured Stories". On this page, users will be informed with the latest happenings through breaking news updates while also featuring noteworthy stories that provide deeper insights into various subjects.
- International News: "Global Updates and Current Affairs". This section is dedicated to providing a comprehensive overview of global events and current affairs. As a vital component of our news platform, this segment ensures that readers stay informed about developments worldwide.
- National: "Community Updates and Events". This section serves as users' primary source for staying up to date on local news and events. This program is tailored to focus on national events while also providing timely information on community matters.
- Technology: "Tech Innovations and Industry Trends". This Page is for staying abreast of the latest advancements and trends in the world of technology. Here, users dive into cutting-edge innovations and industry shifts to keep them informed about the ever-evolving tech landscape.
- Sports: "Sports News, Scores, and Highlights". This segment delivers the most recent sports news, live scores, and captivating highlights, catering to both passionate fans and those seeking updates on the latest games and events.
- Business: "Current Economy situation". Focused on delivering relevant and up-to-date information, this segment covers key aspects of the business world, offering analysis and updates on the current state of the economy.
- About Us: "Information Our team and mission". This page serves as a guide to understanding the values and goals that shape this platform, ensuring transparency and a deeper connection with the audience.

## **2.2 List of Sources**

- News Agencies and Wire Services
  - Associated Press (AP)
  - Reuters
  - Agence France-Presse (AFP)
  - Bloomberg
- Official Statements and Press Releases
  - Government press releases
  - Corporate press releases
  - NGO and non-profit statements
  - Statements from public figures and organizations
- Social Media
  - Twitter
  - Instagram
  - Facebook
  - YouTube

## 2.3 Site Map



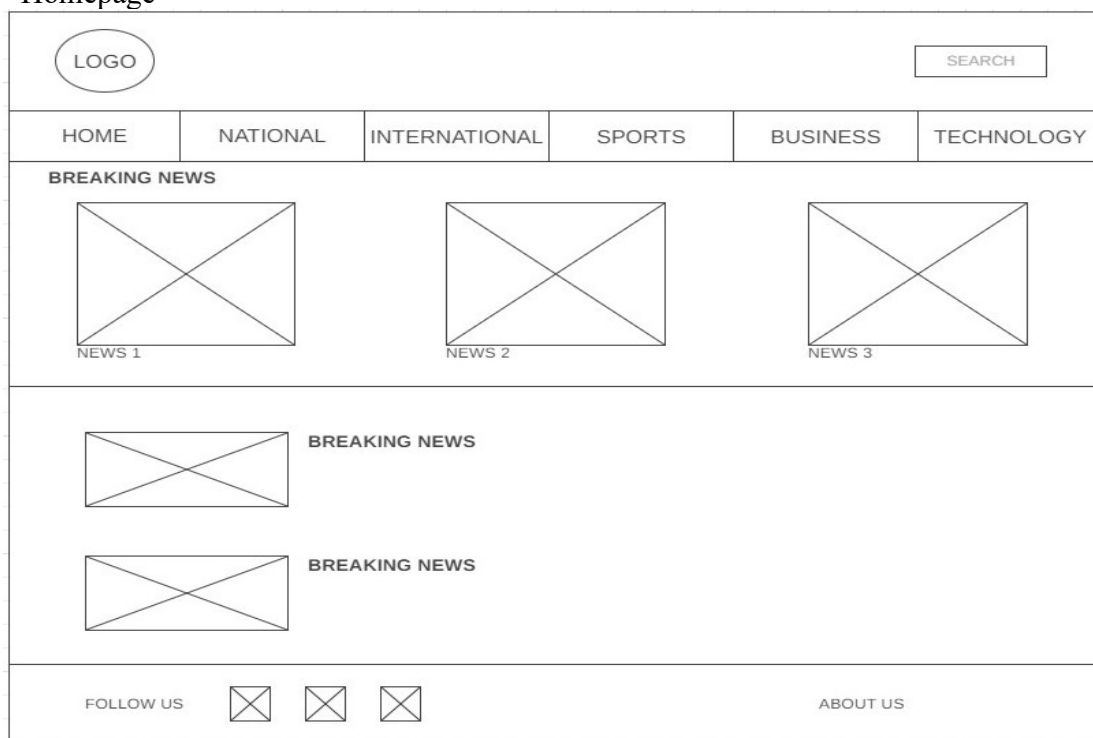
*Figure 1 shows the hierarchical sitemap of this website*

- The website is designed with a user-friendly structure, beginning with the Homepage as the central point of entry. From there, visitors can easily navigate to various sections, including the Search Page for customized queries. Then, every article will be divided by genre such as sports, technology, business, national and international. The About Us page is where the mission, introduction to every member, and contact information lie.

## 2.4 Wireframe

The wireframe maps out where essential elements like breaking news and genre-specific articles will be placed on each page. The wireframe provides a sneak peek into how users will navigate through the site. As we move forward with development, this wireframe acts as our blueprint, ensuring a smooth and user-friendly experience. It reflects our commitment to creating a dynamic and engaging website for our audience.

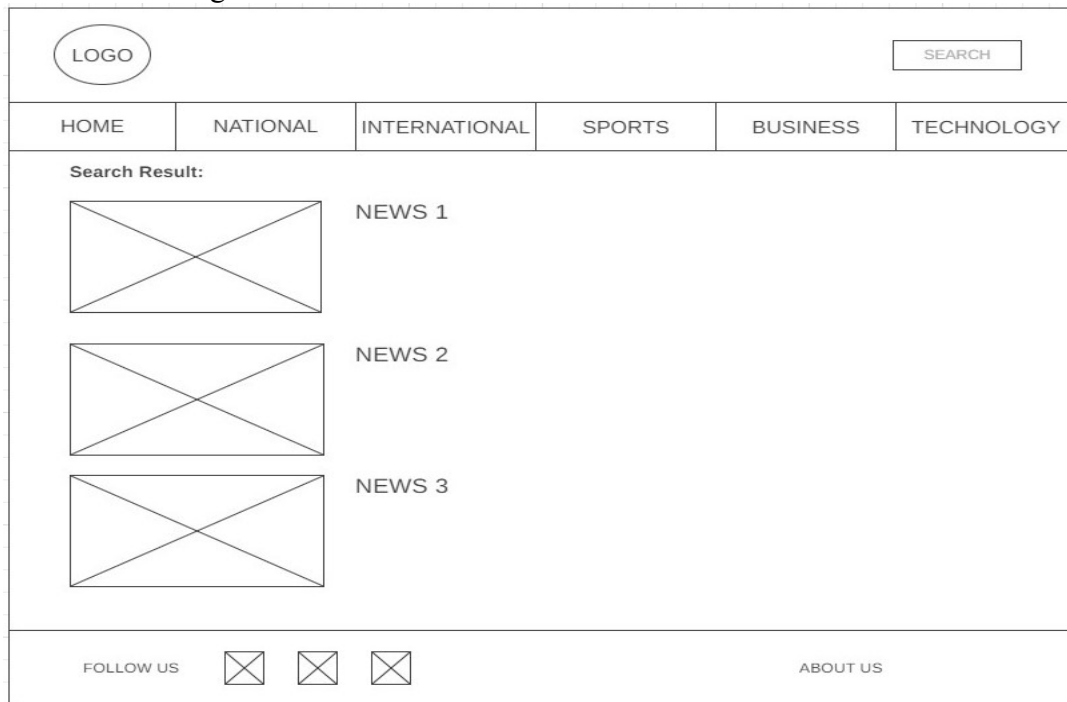
### - Homepage



*Figure 2 shows the wireframe of this website's homepage*

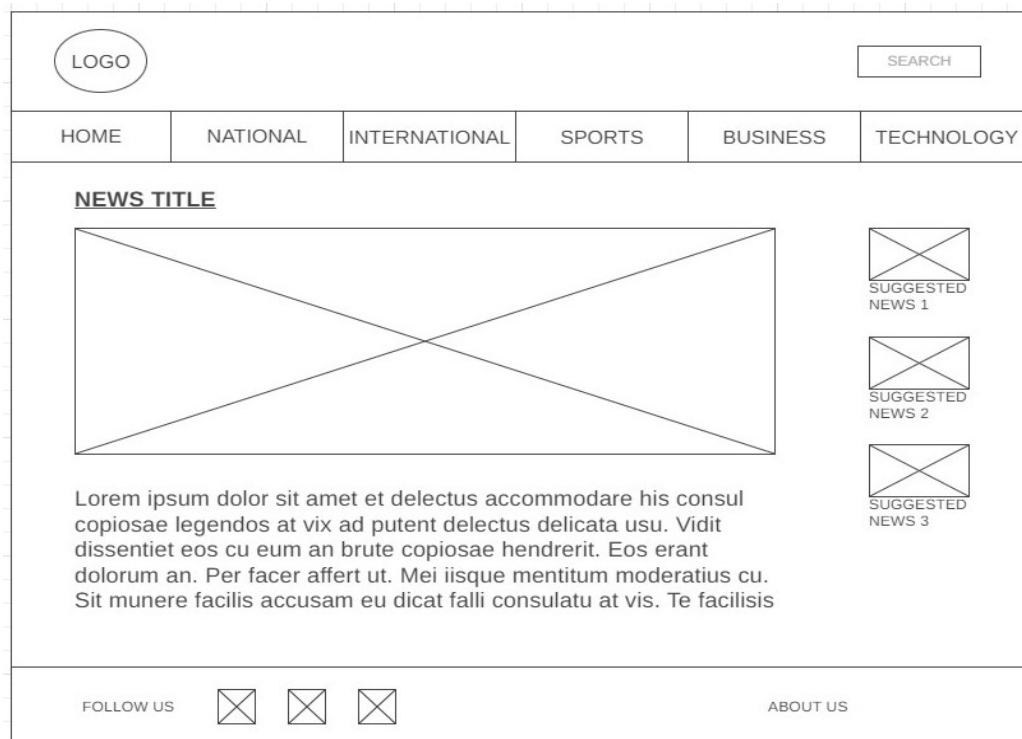


- The Search Page



*Figure 3 shows the wireframe of this website's homepage*

- Article Page



*Figure 4 shows the wireframe of this website's article page*

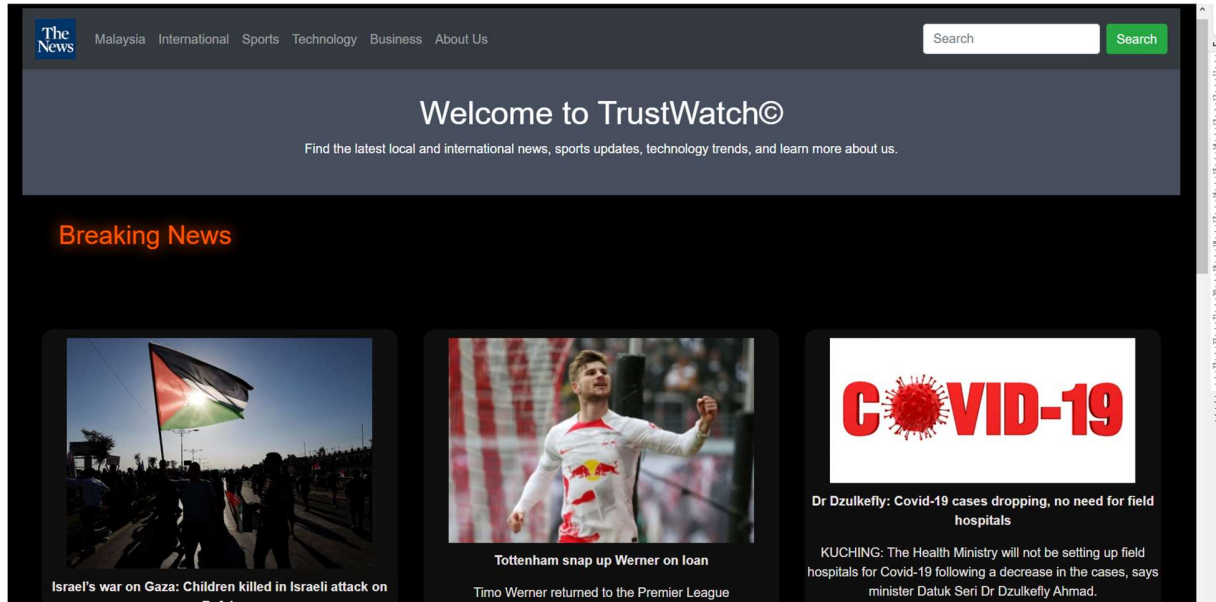
- About Us Page



*Figure 5 shows the wireframe of this website's article page*

# User Interface Design

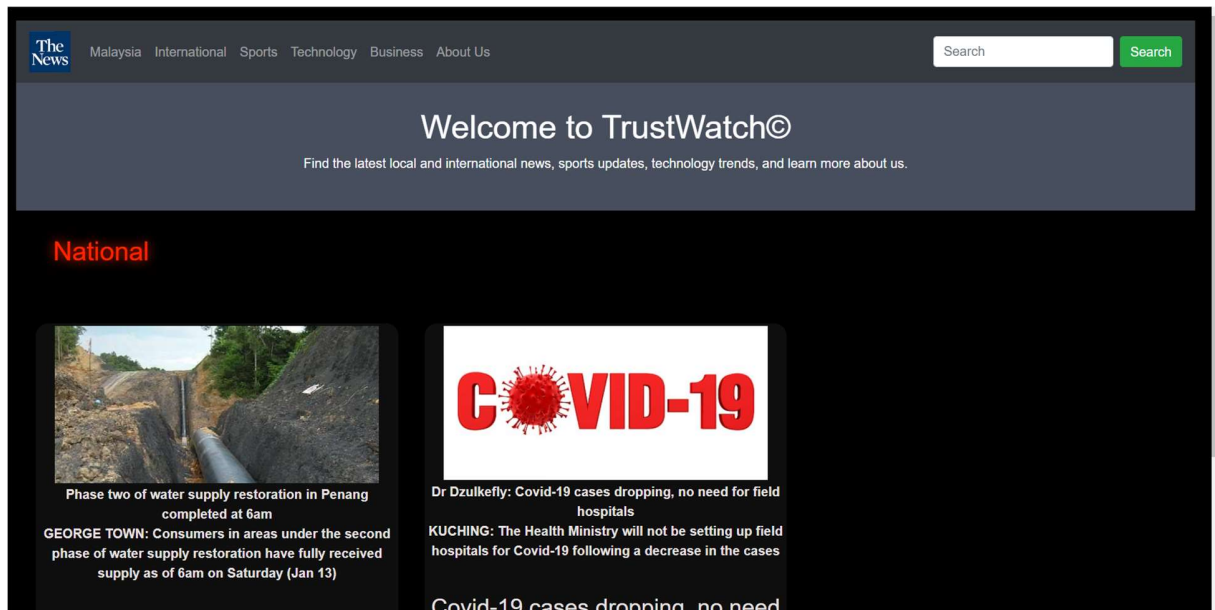
## 3.1 Homepage



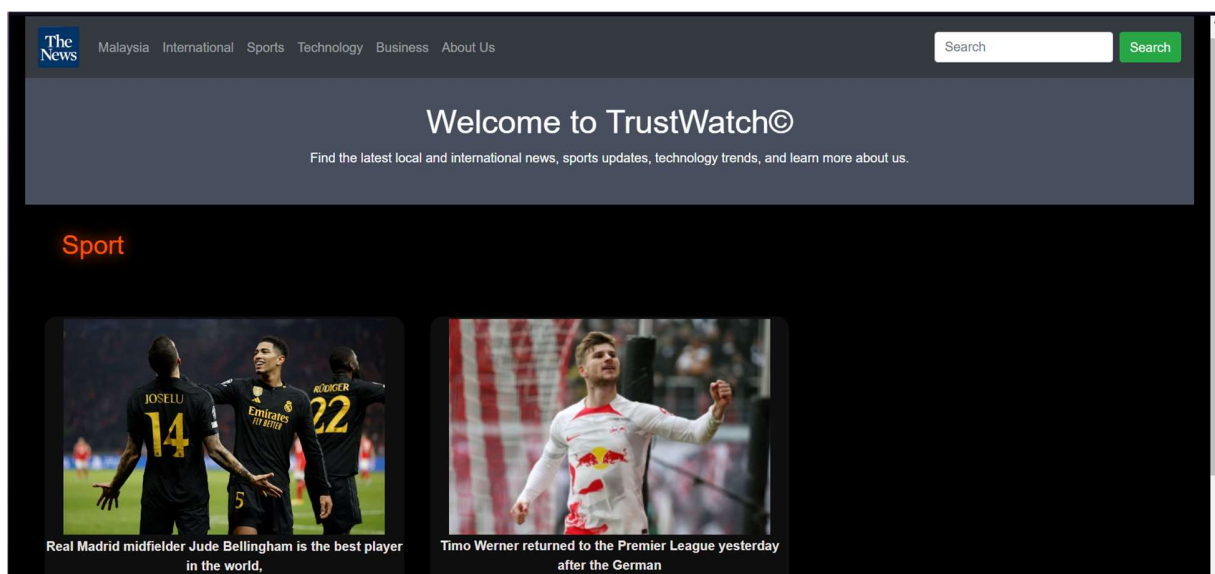
*Figure 6 shows the User interface of this website's home page*

- This homepage acts as the initial landing spot where users make their first stop. It serves a pivotal role as a dynamic and engaging entry point, providing visitors with a snapshot of the most crucial and recent information. At the forefront of this digital space, users encounter a curated display of breaking news, ensuring they are promptly informed about the latest and most significant events as they unfold. The layout is designed for immediacy and impact, offering a real-time feed of the latest developments that captures the essence of the current news landscape.

### 3.2 Main Content Page



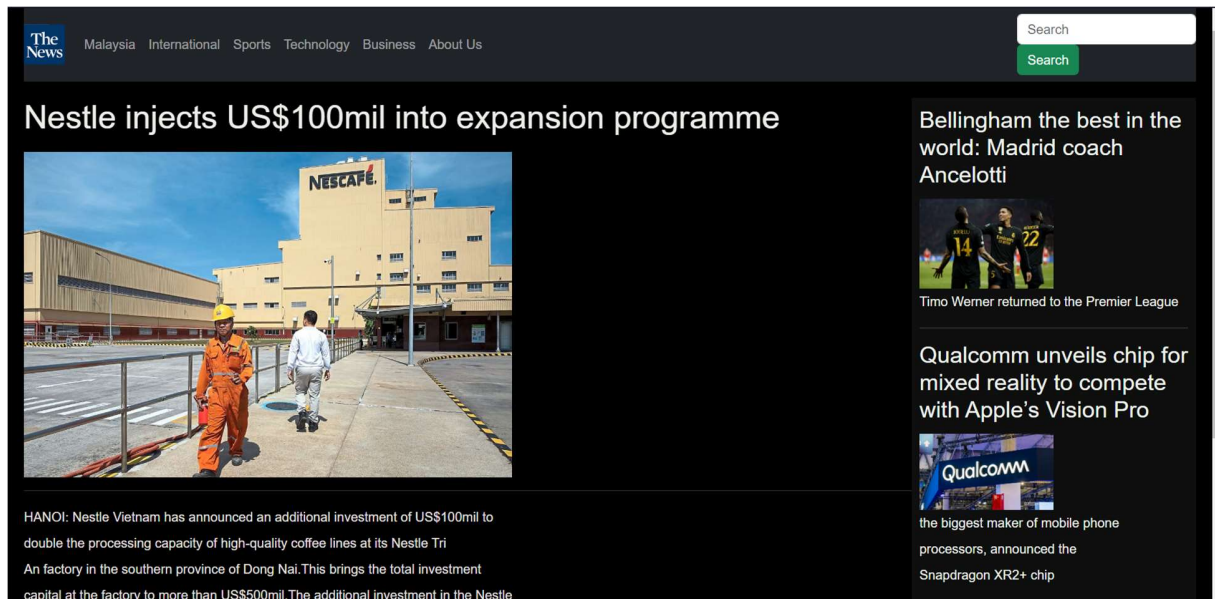
*Figure 7 shows the User interface of this website's national page*



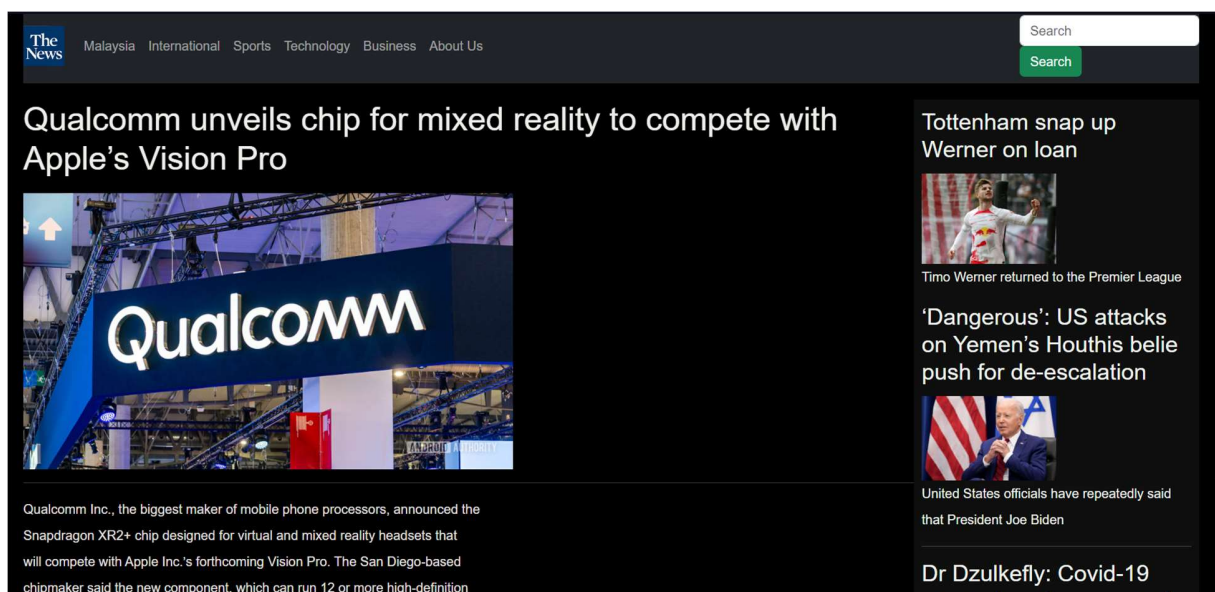
*Figure 8 shows the User interface of this website's sports page*

- This main content page is where every article is neatly categorized by genre. It is a user-friendly space designed for easy exploration, allowing visitors to navigate through a variety of topics based on their interests. Each genre acts as a dedicated section, offering a curated collection of articles that span different subjects. From informative news pieces to in-depth analyses, this page serves as a comprehensive repository, tailored to cater to a wide range of preferences

### 3.3 Article Page



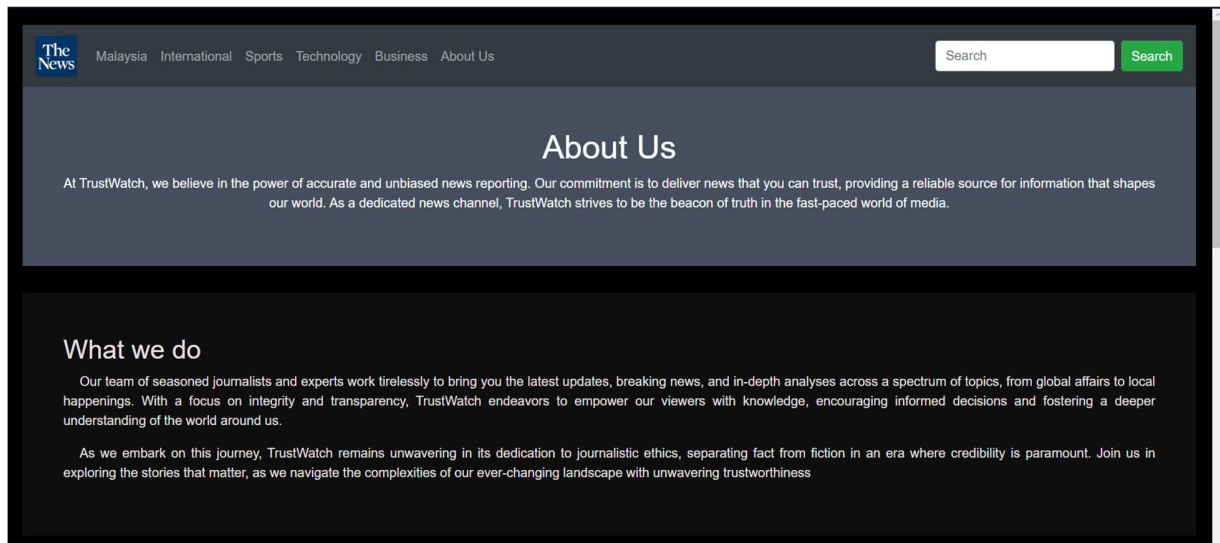
*Figure 9 shows the User interface of the business article page*



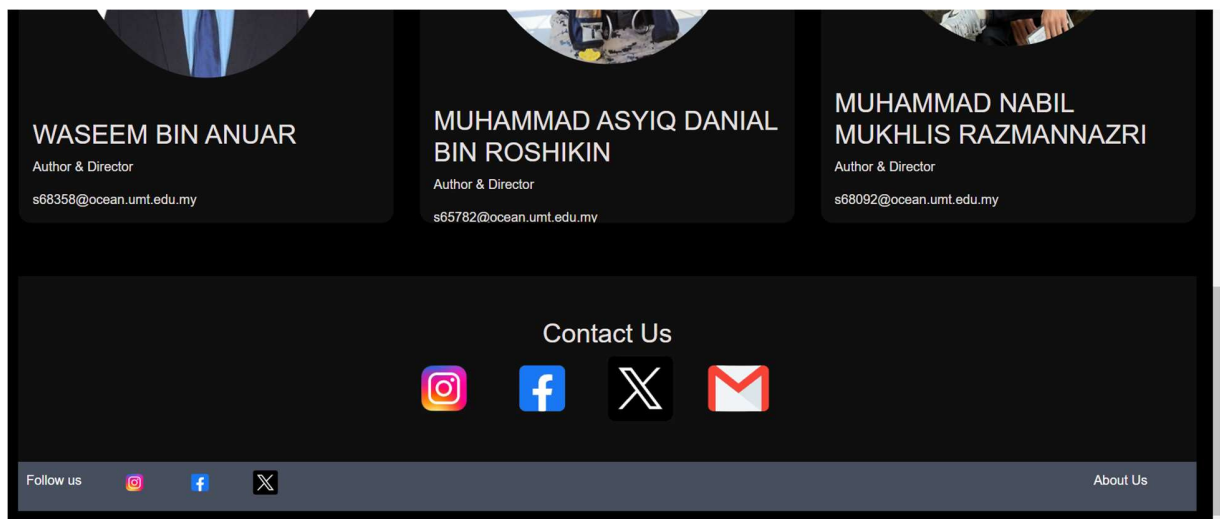
*Figure 10 shows the User interface of the technology article page*

- The article page, where the main attraction of this website. Each article is a dive into diverse topics and providing in-depth insights. Navigating through this page, users encounter a seamless reading experience, with each article presented in a user-friendly format. From breaking news to feature stories, the article page aims to inform, engage, and captivate our readers. The design is crafted to prioritize readability and visual appeal, ensuring that the content is as enjoyable as it is informative.

### 3.4 About Us



*Figure 11 shows the User interface of the About Us page*



*Figure 12 shows the User interface of the About Us page*

- The About Us page serves as an informational hub, offering users a deeper understanding of the website. Here, users will discover our mission statement. A formal introduction is extended to each member of the team, providing insight into their roles and individual contributions. For those seeking communication, official channels are provided, including our social media platforms and email, fostering an open line for engagement.

## **Conclusion**

- In conclusion, our dedicated approach to content creation, platform design, and user engagement underscores our commitment to delivering a compelling and accessible online experience. From the initial brainstorming sessions to meticulous content creation, design considerations, and user interface planning, each step has been carefully executed with the ultimate goal of providing an engaging and user-friendly platform. As we proceed into the implementation and optimization phases, our commitment remains unwavering, ensuring that the final product aligns with our envisioned user interface, meets audience needs, and facilitates a positive and seamless interaction. Our team is excited about bringing this project to fruition, blending functionality and simplicity to create a robust and user-centric online platform that resonates with our audience.

## Appendix

### Roles & Responsibilities

<b>Matric No</b>	<b>Name</b>	<b>Roles and Responsibilities</b>
S65782	MUHAMMAD ASYIQ DANIAL BIN ROSHIKIN	<b>I.</b> Provides information and articles <b>II.</b> Write article pages <b>III.</b> Design CSS
S68092	MUHAMMAD NABIL MUKHLIS BIN RAZMANNAZRI	<b>I.</b> Provides information and articles <b>II.</b> Write article pages
S68358	WASEEM BIN ANUAR	<b>I.</b> Provides information and articles <b>II.</b> Design CSS <b>III.</b> Construct html