Creating a news website using Laravel

The increasing need for people to access the latest and most reliable information online. In the digital era, many people prefer to get news via the internet rather than print media. By having a news website, information can be presented quickly, easily accessed, and can be updated in real-time. In addition, news websites can also reach a wider audience, allow interaction between readers, and provide space for a variety of formats such as images, videos, and infographics. Creating a news website is a solution to meet the needs of the community for fast, accurate, and easily accessible information. The objectives of creating this website include:

1) Providing Latest Information: The main purpose of a news website is to provide the latest information to readers. A news website must be able to present the latest news quickly and accurately so that readers can get relevant and up-to-date information.

2) Reaching a Wider Audience: By using an online platform, news websites can reach a wider audience than traditional print media. It can be accessed by anyone at any location and time, so it can attract readers from all over the world.

3) Increasing Interaction with Readers: News websites can also be a place to interact with readers through comments, article sharing, and social media. This allows readers to actively participate in reading the news and share their views.

4) Presenting News in Various Formats: News websites can present news in various formats, such as text, images, videos, and infographics. This allows readers to understand and absorb information in a way that they prefer.

5) Building Reputation and Authority: By presenting credible, accurate, and quality news, news websites can build reputation and authority in the field of journalism. This is important to maintain reader trust and be a trusted source of information.

Creating a website using coding has several advantages compared to using platforms such as Blogspot and WordPress, including:

1) Full Control over Design and Functionality: By creating a website using coding, you have full control over the design and functionality of the website. You can customize every aspect of the website according to your needs and preferences without the limitations that may exist on platforms such as Blogspot or WordPress.

2) More Flexible Customization: Coding allows you to do more flexible customization. You can create a unique look and features according to the specific needs of your website. You are not limited to templates or plugins provided by platforms such as Blogspot or WordPress.

3) Faster Performance: Websites built using coding usually have faster performance compared to platforms such as Blogspot or WordPress. This is because the code is optimized specifically for the needs of your website, without any burden that may be added by the platform that requires additional resources.

4) Higher Scalability: By using coding, you have higher flexibility and scalability in developing and expanding your website. You can adjust the website to future developments and needs without being tied to the features or limitations of a particular platform.

5) Higher Security: Websites built with coding provide a higher level of security. You can implement specific security measures as per your website requirements and avoid vulnerabilities that may exist on platforms like Blogspot or WordPress.

A. SWOT

➢ Strengths:

› Relevant News Content: News websites can provide relevant and up-to-date content to visitors, attracting their interest and gaining reader loyalty.

› Wide Coverage: News websites can cover a wide range of news topics and categories, attracting a wide range of reader segments.

› Speed and Accessibility: News websites can provide news quickly and easily accessible anytime and anywhere through digital devices.

➢ Weaknesses:

› Tight Competition: The online news industry is fiercely competitive, with many large and small competitors offering similar content.

› Dependence on External News Sources: News websites may need to rely on external news sources to gather information, which can affect the reliability and speed of reporting.

➢ Opportunities:

› Audience Development: News websites can expand and increase their audience through the right marketing strategies, such as utilizing social media and search engine optimization (SEO).

› Revenue Diversification: News websites can seek revenue diversification opportunities through advertising, sponsorships, paid subscriptions, or paid content.

➢ Threats:

› Changing Consumer Habits: Changes in consumer habits, such as shifting to social media platforms or other news sources, can threaten the sustainability and growth of news websites.

› Technological Advances: The development of new technologies and platforms can be a threat if news websites are unable to adapt and utilize them effectively.

B. USE CASE

1. Use Case Admin
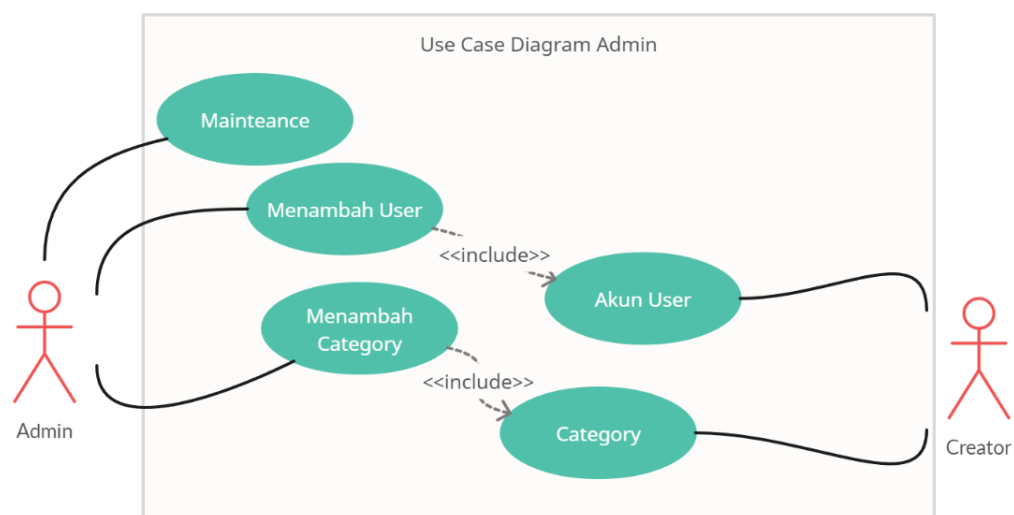
2. Use Case Creator
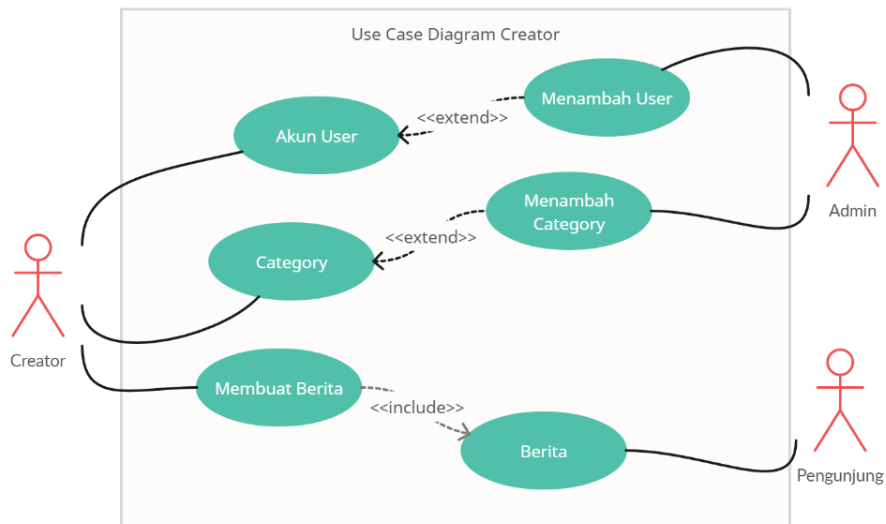
3. Use Case Pengunjung
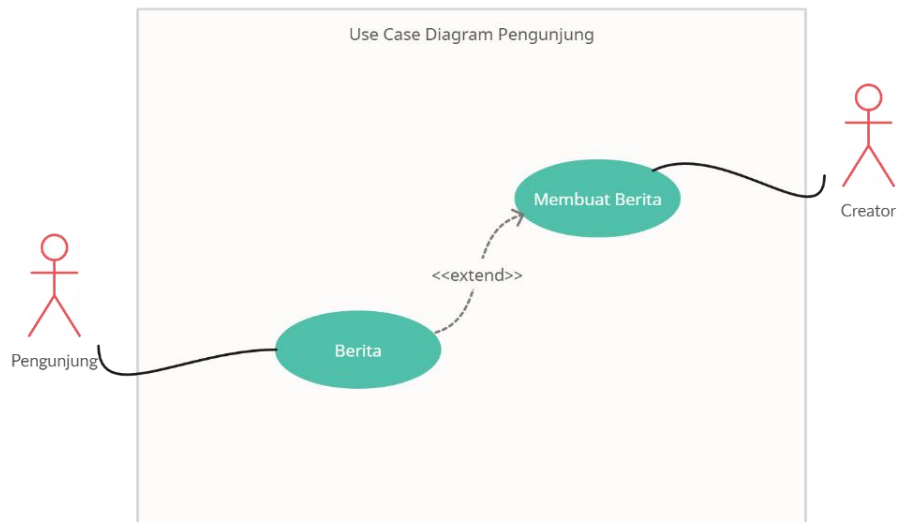
C. ERD
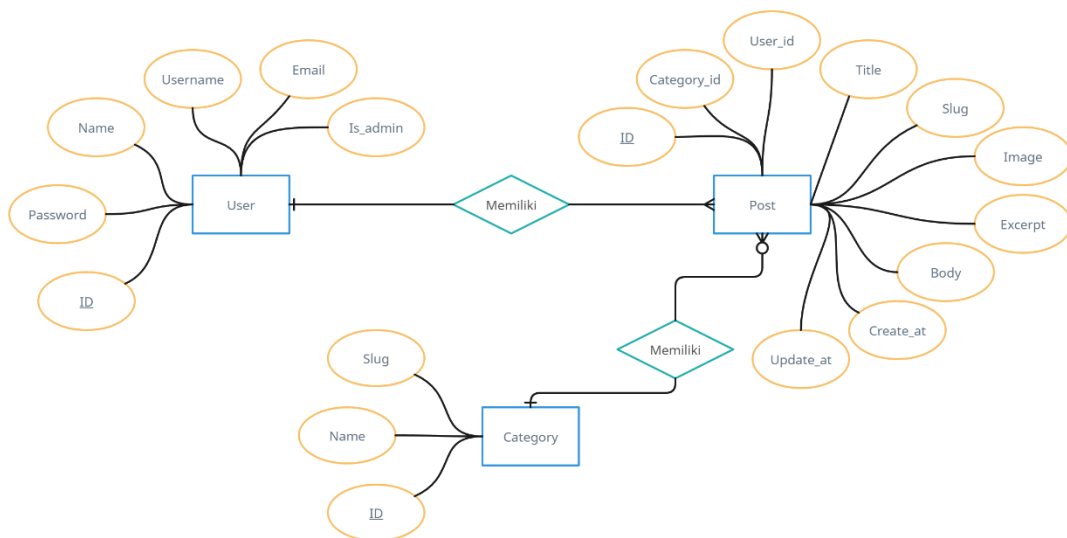
D. Data Dictionary

1. User

| Variable	Type	Description
<u>ID</u>	Bigint(20)	Primary key dari User
Password	Varchar(255)	Password User
Name	Varchar(255)	Nama dari User
Username	Varchar(255)	Username dari User
Email	Varchar(255)	Email dari User
Is_admin	Tinyint(1)	Apakah Uaser admin atau tidak

2. Post

| Variable	Type	Description
<u>ID</u>	Bigint(20)	Primary key Category
Category_id	Bigint(20)	Mengambil Primary key category dari table category
User_id	Bigint(20)	Mengambil Primary key user dari table user
Title	Varchar(255)	Judul berita
Slug	Varchar(255)	Teks yang ada pada halamn url
Image	Varchar(255)	Gambar yang ditampilkan padaawal berita
Excerpt	Text	Kutipan yang ditampilkan di halaman awal
Body	Text	Isi Berita
Create_at	Timestamp	Tanggal dibuatnya berita
Update_at	Timestamp	Tanggal diperbaruinya berita

3. Category

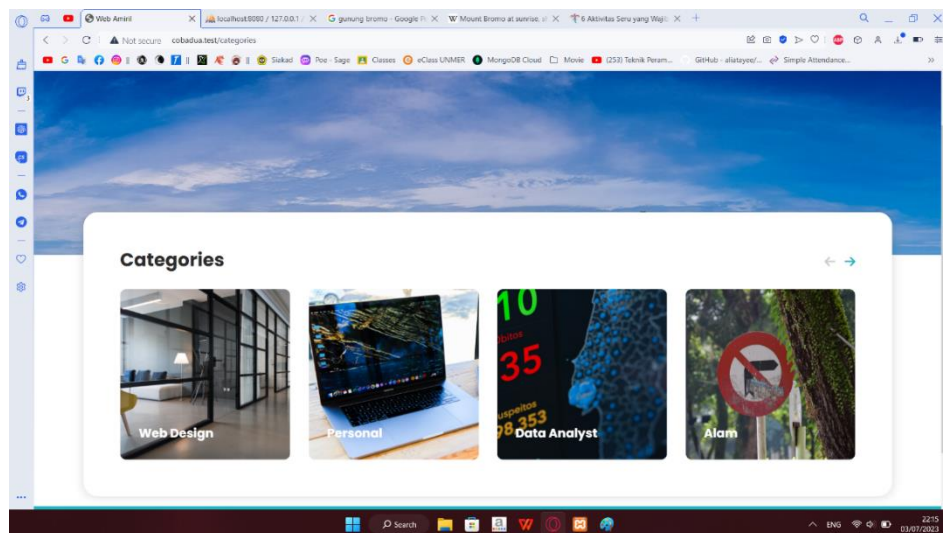| Variable	Type	Description
<u>ID</u>	Bigint(20)	Primary key dari Category
Name	Varchar(255)	Nama dari Category
Slug	Varchar(255)	Teks yang ada pada halaman url

E. Context Diagram
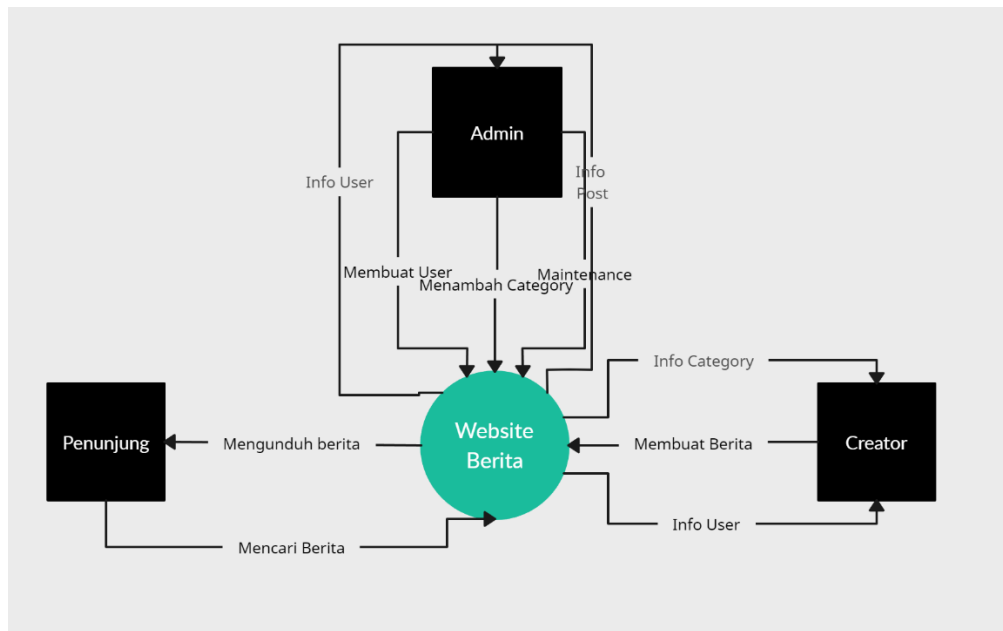
F. Display

1. Home Display
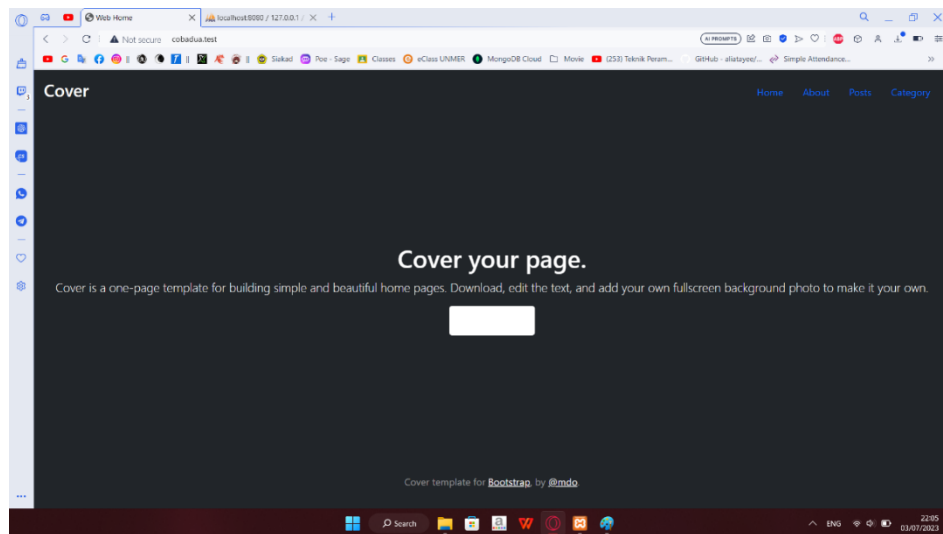
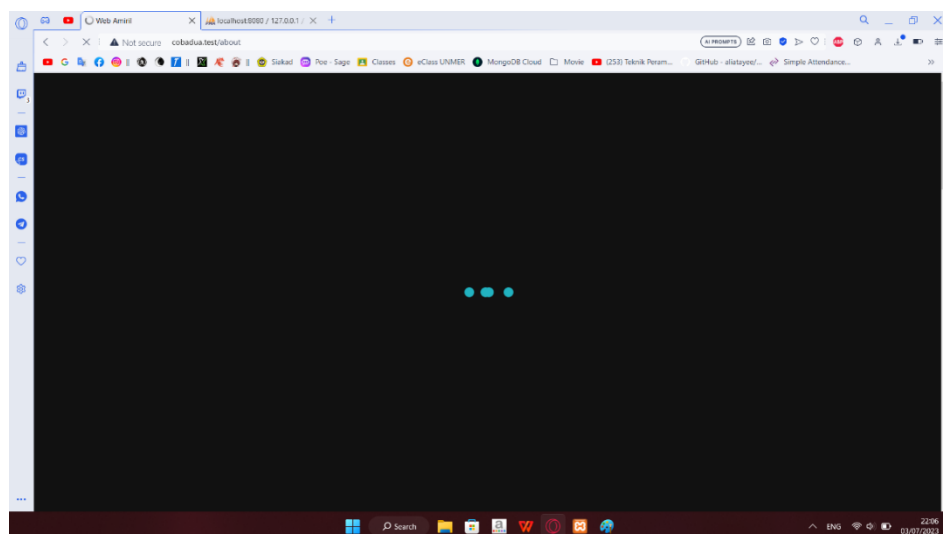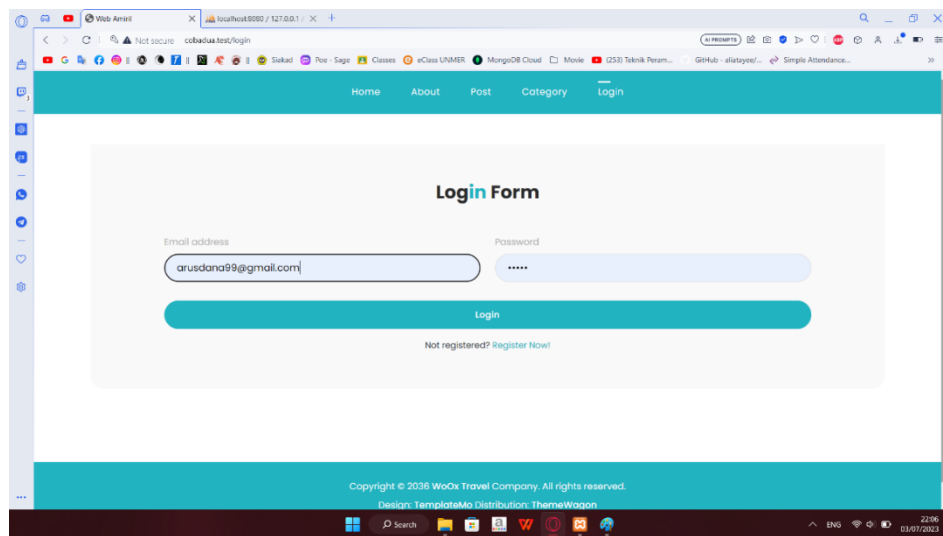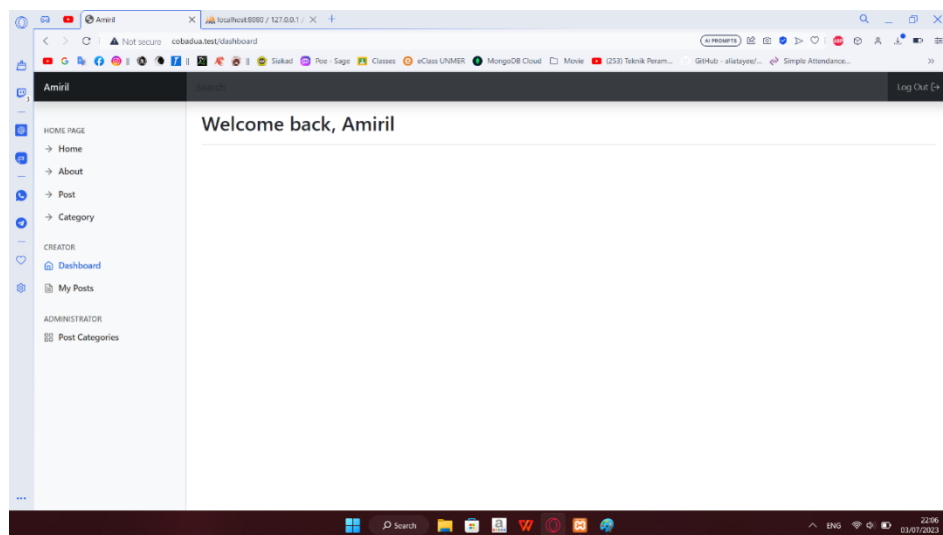

2. Home Display

3. Categories Display

4. Loading Display

5. Login Display
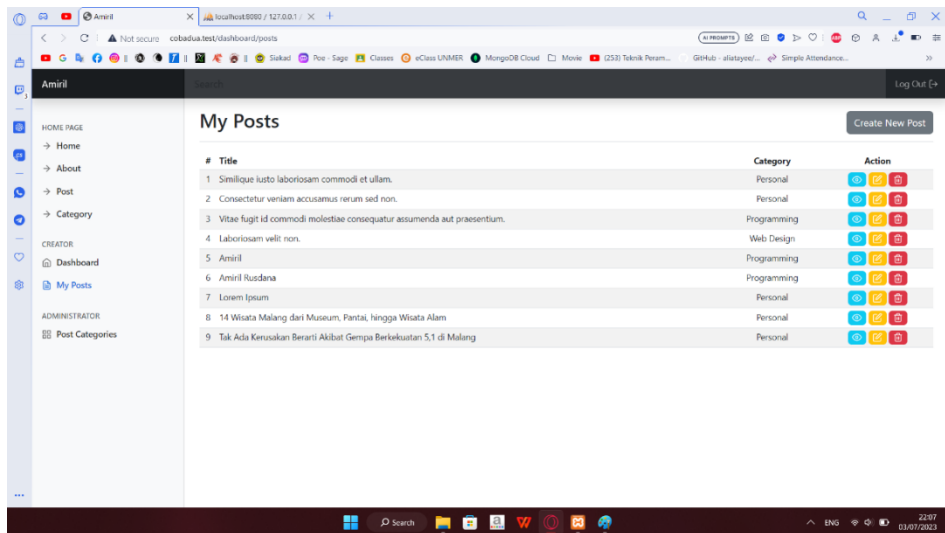

6. Admin dashboard display
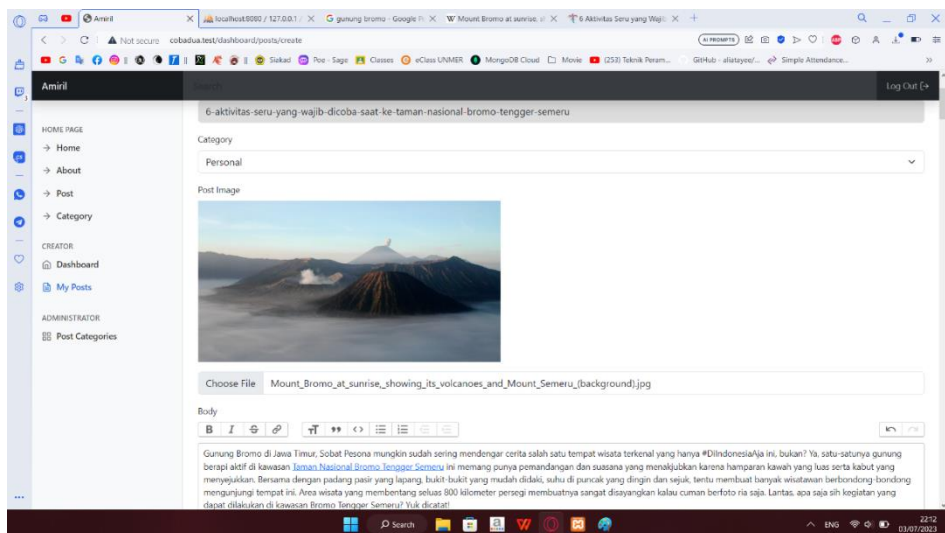

7. Admin post dashboard display
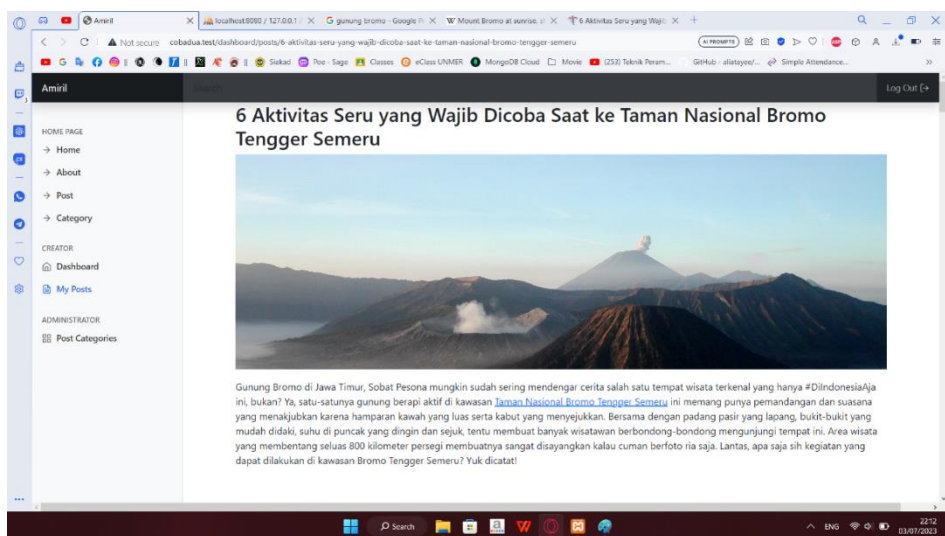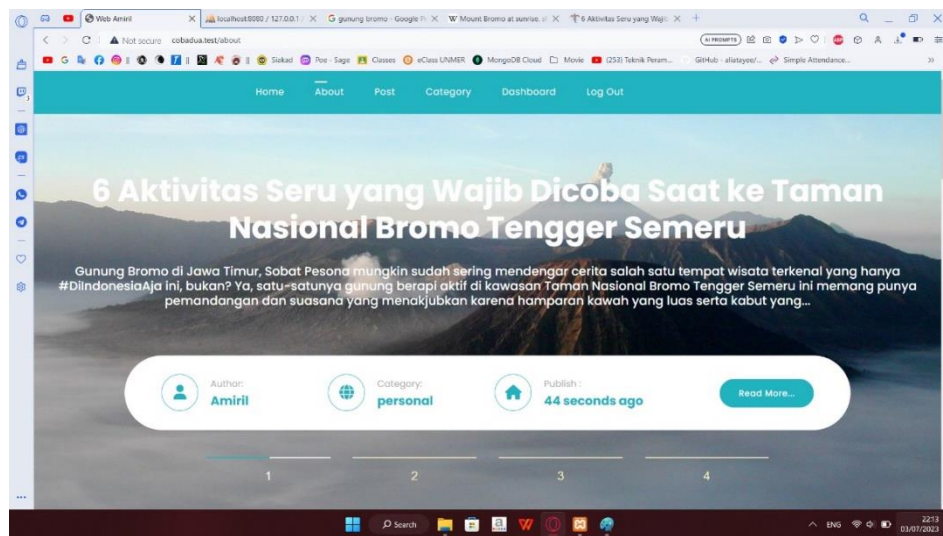
8. Admin create post display

9. News display for admin

10. Home Display for Visitors after admin creates news

11. Display of newly created news