



# **E-PROJECT DEVELOPMENT TEAM**

## **NOBEL PRIZE**

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Submitted to:

Aptech Computer Education

On mar-25-2024

## *NOBEL PRIZE WEBSITE DOCUMENTATION*

### Overview

This web page provides information about the Nobel Prize and its various categories. The Bootstrap framework has been used to ensure a responsive and visually appealing design.

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### Technologies Used:

1. **HTML5** - For structuring the webpage.
  2. **CSS (Bootstrap 5.3.0 + Custom Styles)** - For styling and improving the user interface.
  3. **JavaScript** - For interactive category display functionality.
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### Website Structure

#### 1. Head Section • Meta tags (UTF-8,

Viewport)

- Title (Nobel Prize)
- Bootstrap 5 CDN link
- Custom CSS for styling

#### 2. Header

- A header section displaying "Nobel Prize Award."

#### 3. Navigation Bar

- A responsive navigation bar with links to different pages, such as: ○  
Home ○ About ○ Categories ○ Winners ○ News ○ Events ○ Contact

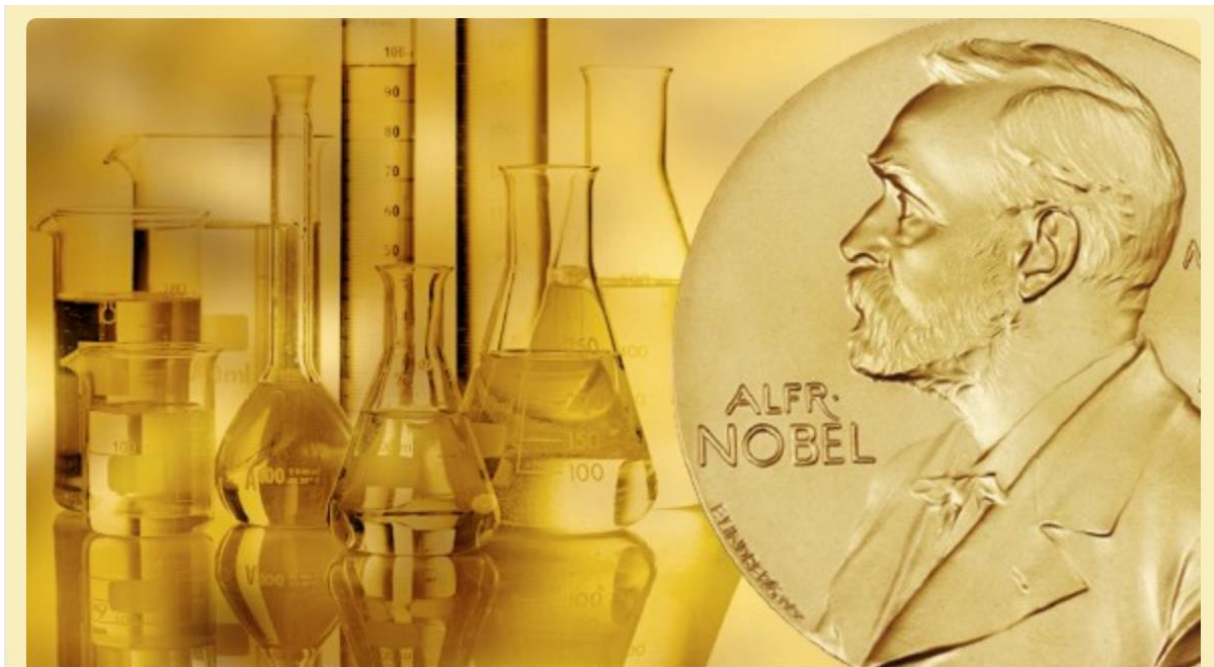
## Nobel Prize Award

Nobel Prize...

[Home](#) [About](#) [Categories](#) [Winners](#) [News](#) [Events](#) [Contact](#)

### 4. Hero Section

- A large image representing the Nobel Prize.



### 5. Categories Section

- Interactive buttons for different Nobel Prize categories.
- Clicking on a category reveals its details.
- The JavaScript function `showContent(id)` is used to display relevant content and hide others.

## Explore the Nobel Prize Categories



### Physics

The Nobel Prize in Physics is awarded for groundbreaking discoveries that deepen our understanding of the universe.

Explore



### Chemistry

Recognizing outstanding contributions in the field of chemistry, leading to advancements in science and industry.

Explore



## 6. Footer Section

- The footer includes: ○ Sitemap ○ Social media links (Facebook, Twitter, Instagram) ○ Newsletter subscription form ○ Copyright information

### About Us

The Nobel Prize honors outstanding contributions in various fields, inspiring innovation and global progress.

### Quick Links

- 🏠 Home
- 📄 About
- 📂 Categories
- 📅 Events
- 🏆 Winners
- 📰 News
- 📞 Contact

### Contact Us

Email: [contact@nobelprize.org](mailto:contact@nobelprize.org)

Phone: +123 456 7890

Address: Stockholm, Sweden



Enter your email

Subscribe

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## JavaScript Function

### 1. *ShowContent (Id)*

This function displays the selected category's content while hiding the others.

```
function showContent(id) {      var contents =  
document.querySelectorAll('.content');  
contents.forEach(content => content.style.display = 'none');  
document.getElementById(id).style.display = 'block';  
}
```

---

### 2. function subscribe(event)

This function capture the user's email and displays a subscription confirmation message.

```
function subscribe(event) {  event.preventDefault();  let  
email = document.getElementById("email").value;  
if (email) {      alert(`Thank you for subscribing with  
${email}!`);  
}  
}
```

---

### 3. **JESON** Data Structure

The categories are stored in **JESON** format and dynamically loaded into the page.

```
const nobelCategories = [  
  {  
    id: "physics",    title: "Physics",    description: "The Nobel Prize in Physics is awarded for  
groundbreaking discoveries that deepen our understanding of the universe.",    image:  
"images/images (3).jpg",
```

```
    link:      "https://www.chemeuropa.com/en/news/154901/nobel-prize-for-physics-awarded-  
totakaaki-kajita-and-arthur-b-mcdonald.html"
```

```
  },
```

```
{
```

```
    id:      "chemistry",    title: "Chemistry",    description: "Recognizing outstanding  
contributions in the field of chemistry, leading to
```

```
advancements in science and industry.",    image: "images/download.jpg",    link:
```

```
"https://www.shutterstock.com/search/the-contribution-to-science?page=2"
```

```
  },
```

```
{
```

```
    id:      "medicine",
```

```
    title: "Medicine",
```

```
    description: "Awarded for significant achievements in medical research and advancements  
that improve human health.",
```

```
    image: "images/download (1).jpg",
```

```
    link:      "https://edition.cnn.com/2014/10/31/health/cleveland-  
clinicmedicalinnovations/index.html"
```

```
  },
```

```
{
```

## Abstract

This documentation provides a structured overview of the Nobel Prize Website, outlining its purpose, features, and technical implementation. It details the website's structure, including sections for history, categories, events, news, gallery, and videos. Built using HTML, CSS, JavaScript, and Bootstrap, the website ensures a responsive and user-friendly experience. The documentation also highlights common features, acknowledgments, and recommendations for future improvements, such as news integration and accessibility enhancements. This guide serves as a reference for further development and optimization of the project.

## **Acknowledgments**

I extend my heartfelt acknowledgments to my esteemed center, Aptech for the invaluable support and resources provided throughout the duration of this project. We extend our heartfelt gratitude to Miss Faiqa Talib for her invaluable guidance and mentorship throughout the project. Her support has been instrumental in shaping this website. We also appreciate Sir Anish, our assistant teacher, for his continuous assistance and insightful advice that helped refine our work. Additionally, I express my gratitude to my peers, friends, and family for their unwavering encouragement and understanding. Their support has been a constant source of motivation and inspiration. Finally, I extend my thanks to all those who have contributed directly or indirectly to the completion of this project, as your support and collaboration have been deeply appreciated and invaluable to its success.

## **Recommendations for Future Improvements**

- News Integration: Implement a live news feed or manually update the News page.
- Performance Optimization: Reduce image sizes to improve loading speed.
- Accessibility Enhancements: Add alt text for images to enhance accessibility for visually impaired users.
- Link Verification: Ensure all hyperlinks are functional and direct users to relevant pages.

## **Conclusion**

This web page is designed to provide information about the Nobel Prize, using Bootstrap, JavaScript, and JSON for a dynamic and user-friendly interface. Additional improvements, such as animations and database integration, can further enhance the experience