

## Course: CSE211 - Web Programming

### Browser testing report

→ This report documents comprehensive cross-browser testing conducted for the web application project. The application was tested across multiple browsers and devices to ensure compatibility, functionality, and consistent user experience. Testing revealed the application performs well across modern browsers with minor visual inconsistencies documented below

- **Browsers Tested:**

1. Google chrome
2. Microsoft edge

- **Browser Compatibility Table:**

Page name	Google chrome	Microsoft edge
Home page (index.html)	pass	pass
About page	pass	pass
Contact page	pass	pass
Registration page	pass	pass
Thank page	pass	pass

All functionality works correctly

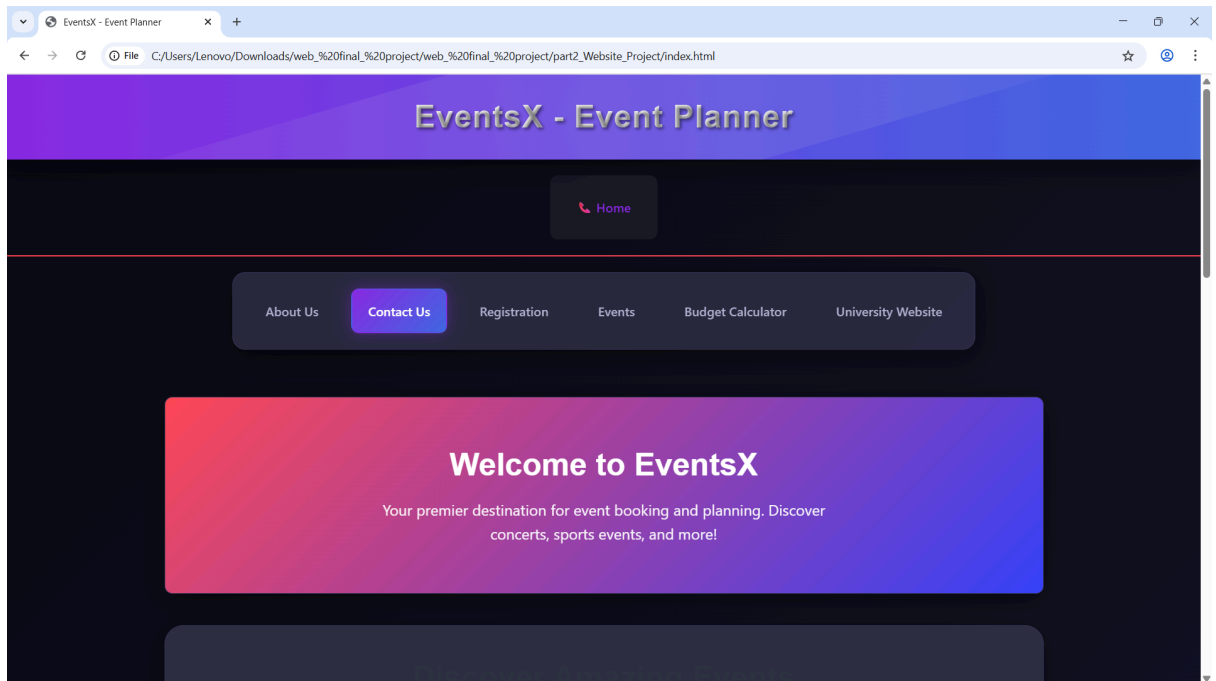
- **Testing Environment:**

name	Google chrome	Microsoft edge
version	[e.g., 120.0.6099.129]	[e.g., 121.0]
Operating system	[e.g., Windows 11 / macOS Sonoma 14.2]	[e.g., Windows 11 / macOS Sonoma 14.2]
Screen resolution	[e.g., 1920x1080]	[e.g., 1920x1080]

- **Testing Checklist Results:**

Test item	chrome	Microsoft edge	notes
Page loads correctly	pass	pass	All pages load without errors
All images display properly	pass	pass	All images render correctly
Internal links work	pass	pass	Navigation between pages works
External links work	pass	pass	Open in new tabs correctly
Anchor links work	pass	pass	Jump to sections correctly
Mailto links work	pass	pass	Opens email client
Forms display correctly	pass	pass	All form elements visible
Form validation works	pass	pass	Required fields validated
Registration form submits	pass	pass	Redirects to thank you page
Navigation menu accessible	pass	pass	All menu items clickable
Breadcrumb links work	pass	pass	Navigation path functional
Tables display properly	pass	pass	Table structure intact
Text readable and formatted	pass	pass	Typography displays correctly
No console errors	pass	pass	No JavaScript errors

- Home page\_chrome (windows)



- Registration Form - Chrome(windows)

The screenshot shows a web browser window with the title "Registration - EventsX". The address bar displays the file path: "C:/Users/Lenovo/Downloads/web\_%20final\_%20project/web\_%20final\_%20project/part2\_Website\_Project/pages/Registration.html". The registration form is divided into two sections: "Personal Information" and "Account Security". The "Personal Information" section includes fields for "Full Name", "Email Address", "Phone Number", and "Date of Birth". The "Account Security" section includes a "Password" field. The form is styled with a dark theme and a purple and blue gradient.

**Personal Information**

Full Name \*

Enter your full name

Email Address \*

Enter your email address

Phone Number \*

Enter your phone number

Date of Birth

mm/dd/yyyy

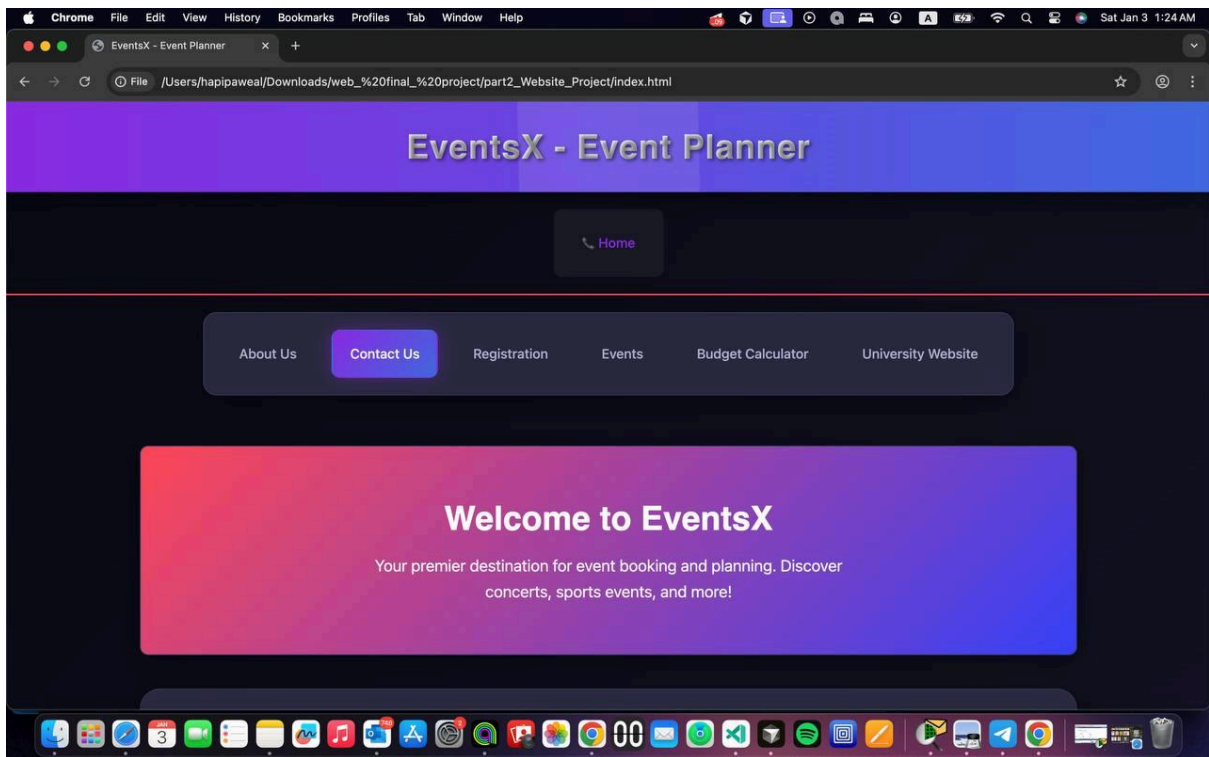
**Account Security**

Password \*

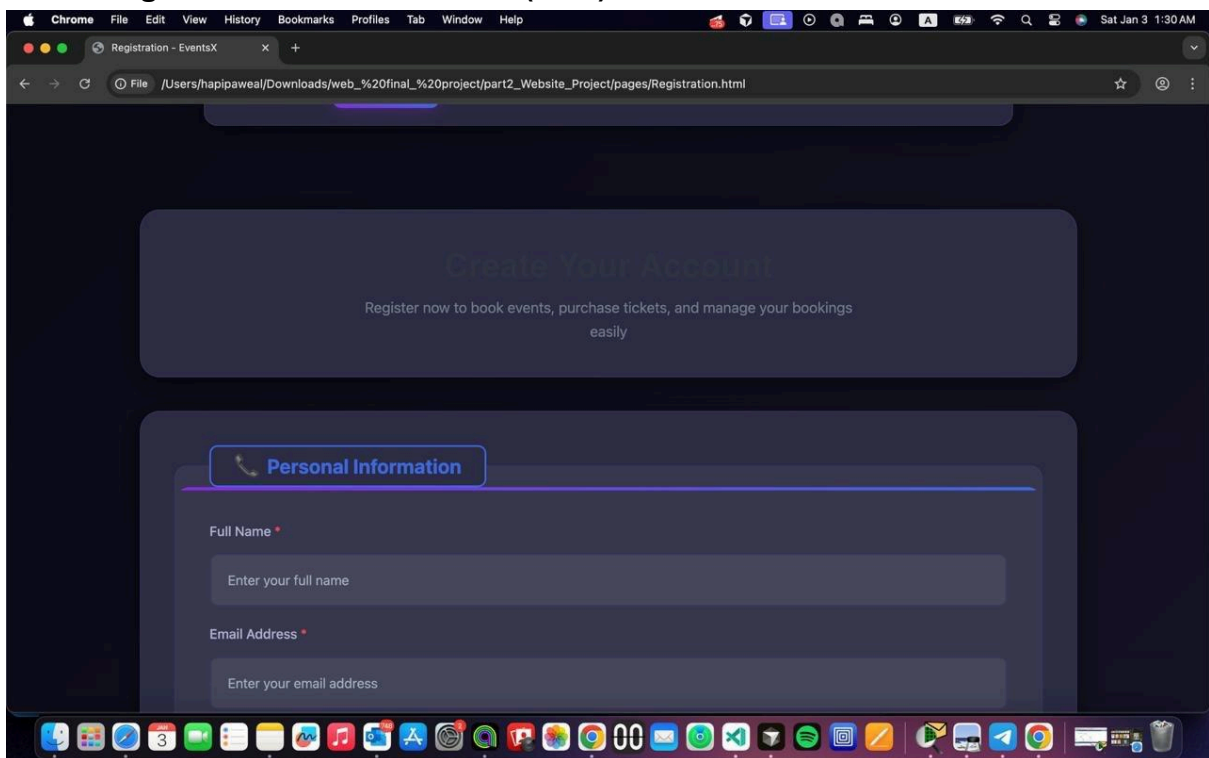
Create a password

Please fill out this field.

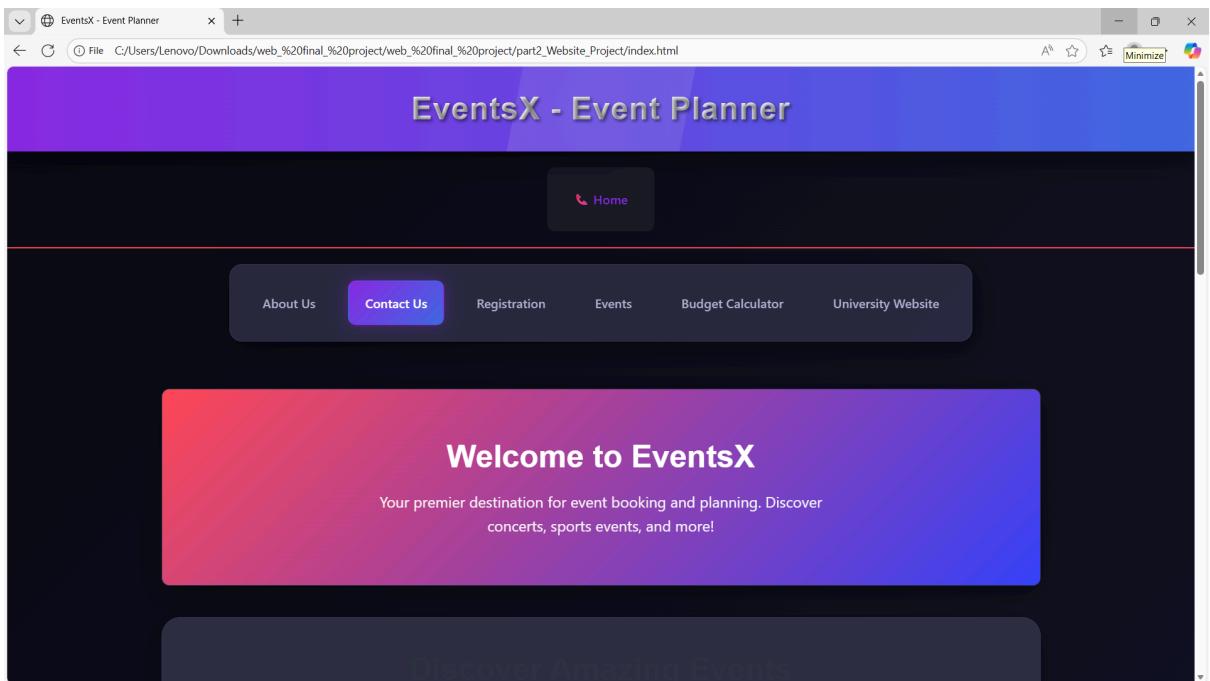
- Home page\_chrome(mac)



- Registration Form - Chrome(mac)



- Home page\_Microsoft edge(windows)



- Registration Form -Microsoft edge(windows)

A screenshot of a web browser window showing the registration form of 'EventsX'. The browser's address bar displays the file path 'C:/Users/Lenovo/Downloads/web\_%20final\_%20project/web\_%20final\_%20project/part2\_Website\_Project/pages/Registration.html'. The form is titled 'Registration - EventsX' and is set against a dark background. It features two main sections: 'Personal Information' and 'Account Security', each with a red phone icon. The 'Personal Information' section contains four input fields: 'Full Name' (with a red asterisk), 'Email Address' (with a red asterisk and a 'Please fill out this field.' error message), 'Phone Number' (with a red asterisk), and 'Date of Birth' (with a placeholder 'mm/dd/yyyy' and a calendar icon). The 'Account Security' section is partially visible at the bottom.

- **Interactive Elements Testing**

**Registration Form:**

- All input fields display correctly
- Required field validation works (name, email, password)
- Email format validation functions properly
- Password strength indicator displays (if applicable)
- Submit button redirects to thank you page
- Form data is processed correctly

**Contact Form:**

- All fields render properly
  - Email validation works
  - Message textarea accepts input
  - Submit button functions correctly
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- **Navigation Testing**

**Main Navigation Menu:**

- All menu items are clickable in both browsers
- Dropdown menus (if any) work correctly
- Active page highlighting works
- Mobile menu toggle works (responsive)

**Breadcrumb Navigation:**

- All breadcrumb links are functional
- Current page indicator displays correctly
- Links navigate to correct pages

- **Links Testing**

**Internal Links:**

- All navigation links work correctly
- Page transitions are smooth
- No broken internal links found

**External Links:**

- All external links open in new tabs (target="\_blank")
- Links direct to correct external websites
- No broken external links

**Anchor Links:**

- Jump to section links work correctly
- Smooth scrolling functions (if implemented)
- Correct sections are targeted

**Mailto Links:**

- Email links open default email client
- Correct email address is populated

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- **Issues Documented**

All testing was completed successfully with no issues requiring resolution. The website functions correctly across both tested browsers (Chrome and Edge) with consistent rendering and full functionality.

**Testing Confirmation:**

- All pages load correctly in both browsers
- No visual differences detected
- No console errors found
- All forms and interactive elements work perfectly
- Registration form submits successfully

- All links function as expected
- Responsive design works consistently