

## 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

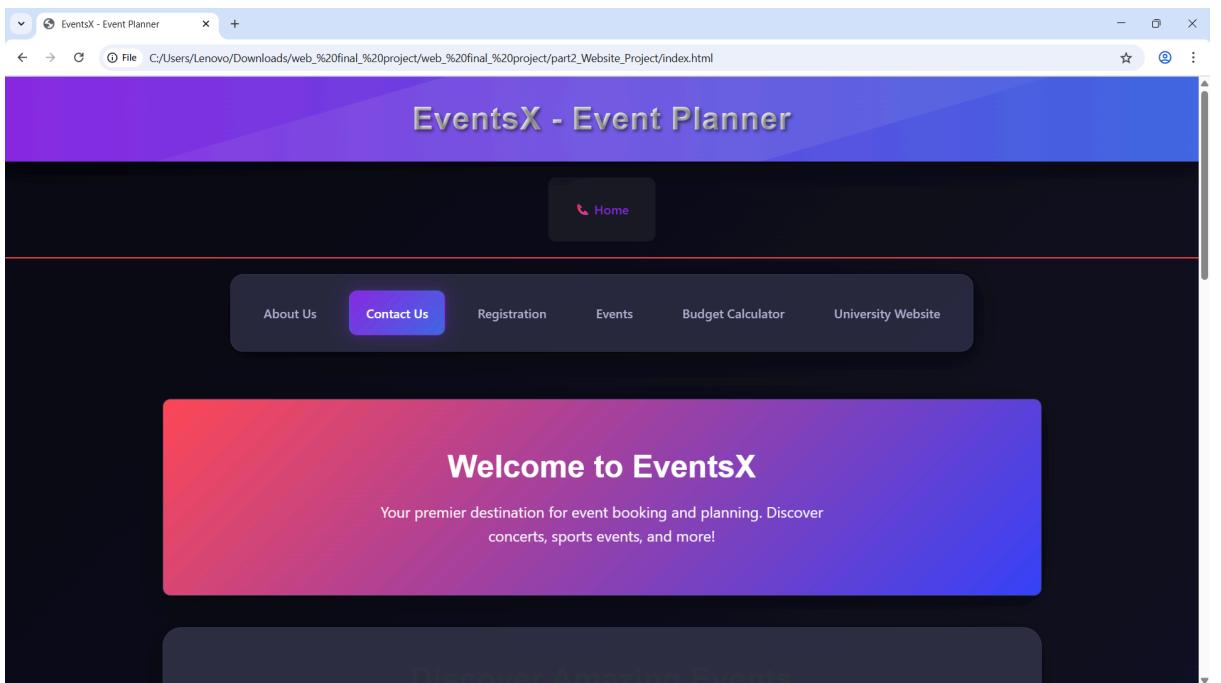
- **Testing Environment:**

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

- **Home page\_chrome (windows)**



- **Registration Form - Chrome(windows)**

The screenshot shows the registration form for the EventsX website. The form is divided into two sections: "Personal Information" and "Account Security".

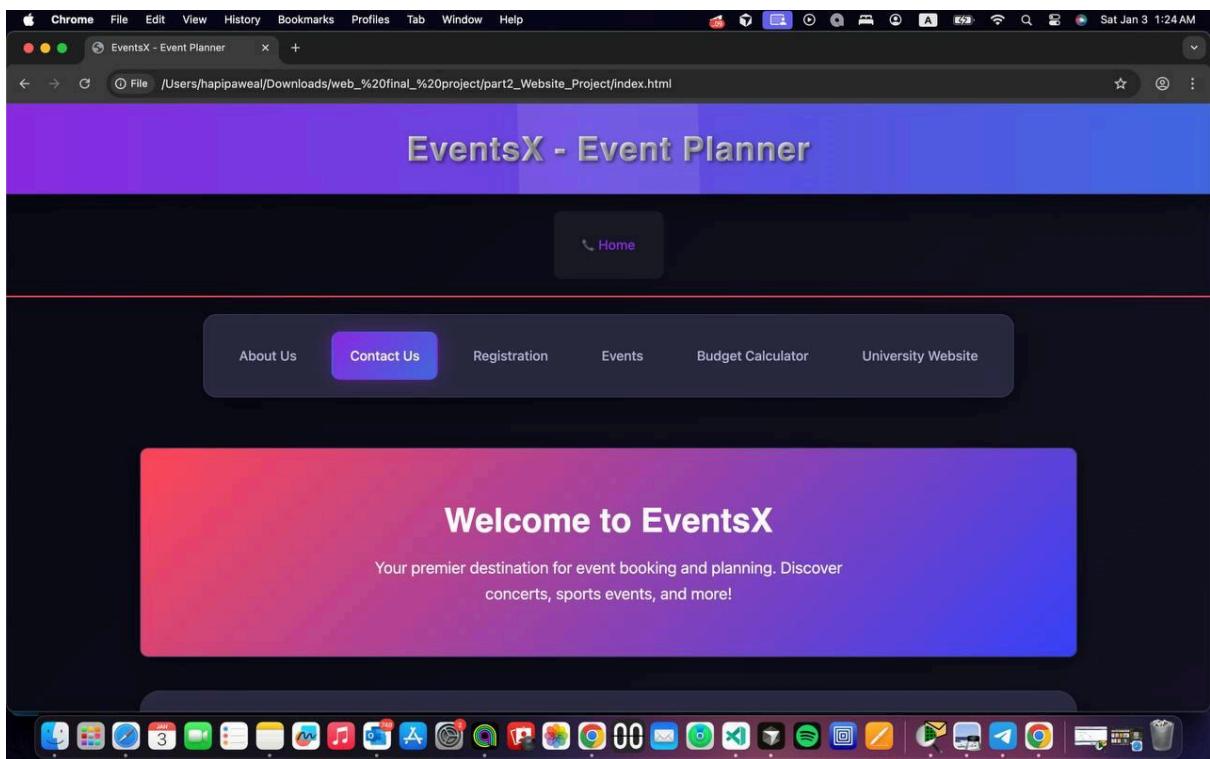
**Personal Information:**

- Full Name \*: Input field placeholder "Enter your full name".
- Email Address \*: Input field placeholder "Enter your email address".
- Phone Number \*: Input field placeholder "Enter your phone number".
- Date of Birth: Input field placeholder "mm/dd/yyyy".

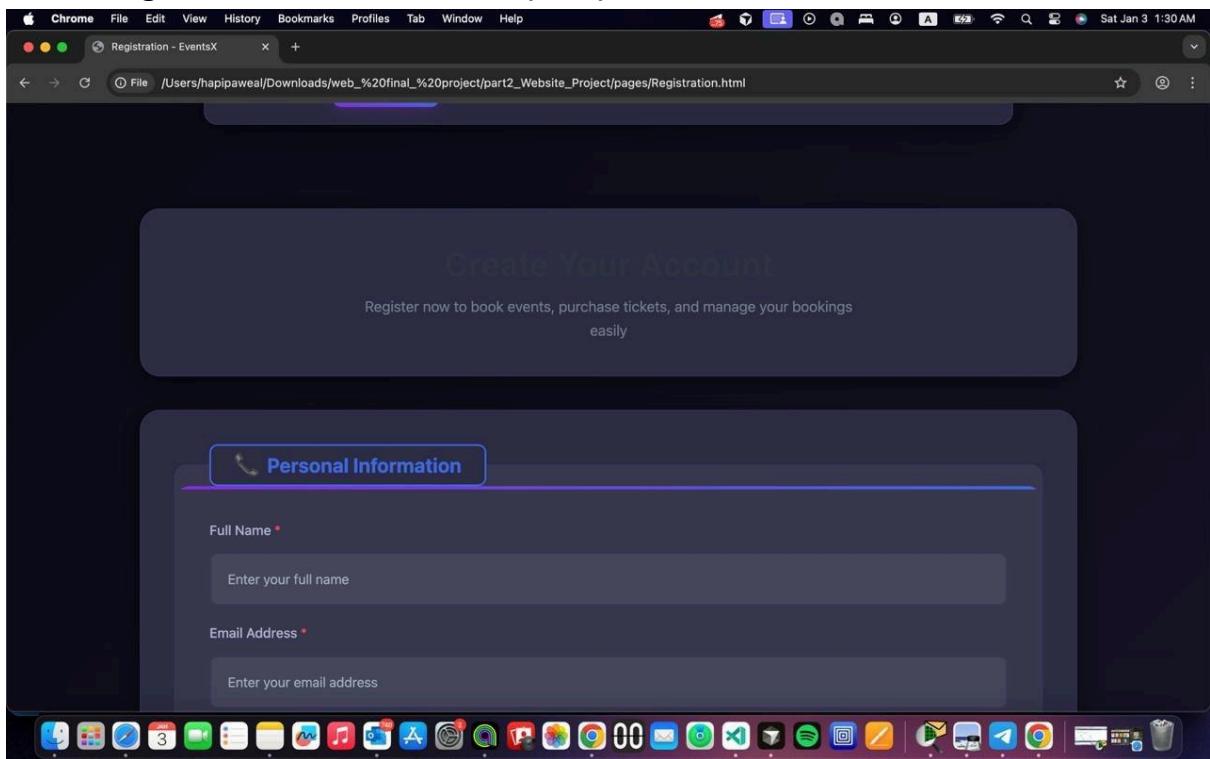
**Account Security:**

- Password \*: Input field placeholder "Create a password". A small note to the right says "Please fill out this field."

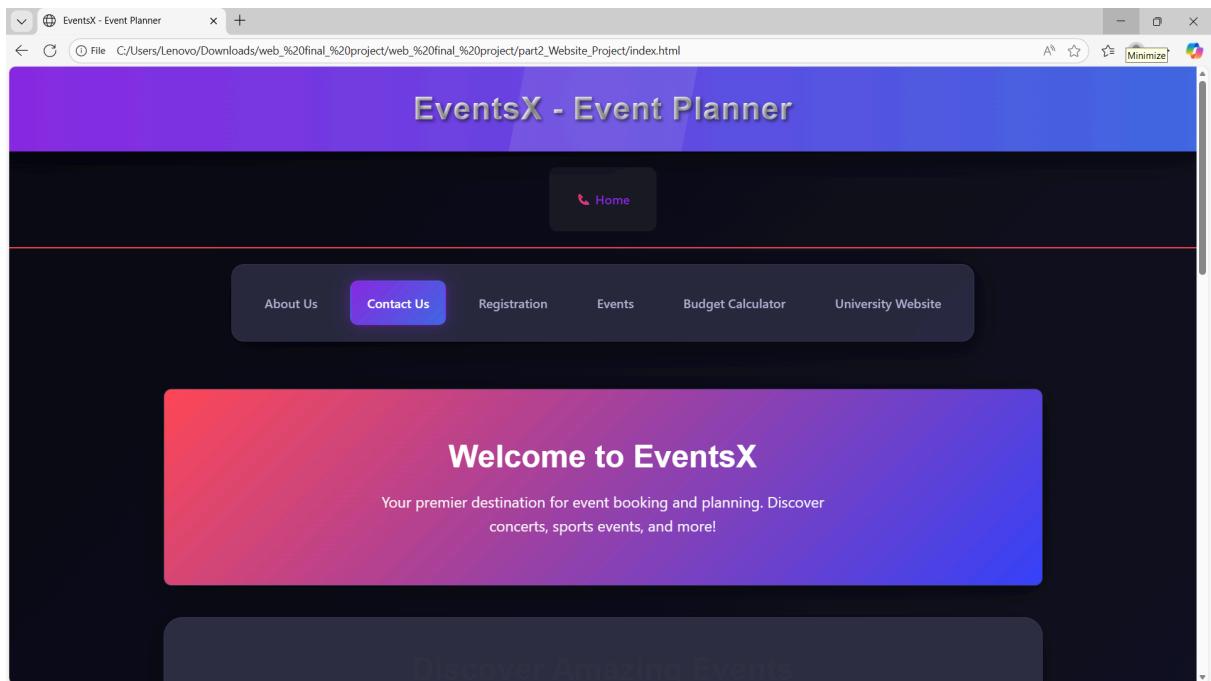
- Home page \_chrome(mac)



- Registration Form - Chrome(mac)



- Home page \_ Microsoft edge(windows)



- Registration Form -Microsoft edge(windows)

The screenshot shows the registration form page of the EventsX website. The header is identical to the home page. The main content is a form titled "Personal Information" enclosed in a rounded rectangle. It contains four fields: "Full Name \*", "Email Address \*", "Phone Number \*", and "Date of Birth". Each field has an input box with placeholder text and a required field indicator (\*). A small error message "Please fill out this field." appears next to the phone number field. Below the "Personal Information" section is another section titled "Account Security".

Field	Type	Placeholder	Required
Full Name	Text	Enter your full name	Yes
Email Address	Text	Enter your email address	Yes
Phone Number	Text	Enter your phone number	Yes
Date of Birth	Text	mm/dd/yyyy	No

- **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