

**Project Design Phase-II**  
**Solution Requirements (Functional & Non-functional)**

Date	02 November 2023
Team ID	NM2023TMID04498
Project Name	Website Creation using Canva

**Functional Requirements:**

Following are the functional requirements of the proposed solution.

Functional Requirement	Description	Considerations
1. Graphic Design Integration	Incorporate Canva-generated graphics and designs into the website.	<ul style="list-style-type: none"><li>- Create custom graphics and images in Canva for web use.</li><li>- Integrate Canva templates or custom designs into site pages.</li></ul>
2. Image Editing	Edit and optimize images using Canva.	<ul style="list-style-type: none"><li>- Resize, crop, and enhance images with Canva's image editing tools.</li><li>- Ensure Canva-generated images meet web design requirements.</li></ul>
3. Template Utilization	Utilize Canva templates for web design components.	<ul style="list-style-type: none"><li>- Choose and customize Canva templates for headers, banners, etc.</li><li>- Ensure templates align with website design and branding.</li></ul>
4. Brand Consistency	Ensure Canva-generated designs align with the website's branding	<ul style="list-style-type: none"><li>- Use Canva to match brand colors and typography.</li><li>- Maintain consistency in fonts, colors, and design elements.</li></ul>
5. Export and Integration	Export Canva designs in web-compatible formats and seamlessly integrate them into the site.	<ul style="list-style-type: none"><li>- Export Canva graphics as PNG, JPEG, or other web-compatible formats.</li><li>- Embed Canva designs into web pages or use them as background images.</li></ul>
6. Collaboration and Sharing	Collaborate with team members and share Canva designs for feedback.	<ul style="list-style-type: none"><li>- Use Canva's collaboration features to work with others.</li><li>- Share Canva designs for review and input from stakeholders.</li></ul>

7. Version Control	Maintain version control for Canva-generated graphics to track changes.	<ul style="list-style-type: none"> <li>- Keep track of design iterations and updates using Canva's version control features.</li> <li>- Ensure that design files are organized and labeled appropriately.</li> </ul>
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### Non-functional Requirements:

Following are the non-functional requirements of the proposed solution.

Non-Functional Requirement	Description	Considerations
1. Performance	The website must load quickly and efficiently.	<ul style="list-style-type: none"> <li>- Optimize Canva graphics for web use to reduce file sizes.</li> <li>- Evaluate the impact of Canva elements on website speed.</li> </ul>
2. Scalability	The website should handle increased traffic or content growth.	<ul style="list-style-type: none"> <li>- Can Canva-generated assets scale effectively with the site?</li> <li>- Ensure that Canva designs are responsive and adaptable.</li> </ul>
3. Availability	The website should be available and accessible at all times.	<ul style="list-style-type: none"> <li>- Evaluate Canva's availability and uptime for design work.</li> <li>- Backup Canva-generated assets to prevent data loss.</li> </ul>
4. Security	Protect the website and Canva design assets from unauthorized access.	<ul style="list-style-type: none"> <li>- Implement access controls and permissions for Canva files.</li> <li>- Secure Canva accounts to prevent unauthorized edits.</li> </ul>
5. Compliance	Ensure compliance with legal and regulatory standards.	<ul style="list-style-type: none"> <li>- Ensure Canva designs adhere to copyright and licensing laws.</li> <li>- Comply with data protection regulations when using Canva.</li> </ul>
6. User Experience (UX)	The website must provide a seamless and user-friendly experience.	<ul style="list-style-type: none"> <li>- Optimize Canva designs for responsive and mobile-friendly UI.</li> <li>- Ensure Canva-generated assets are intuitive and visually pleasing.</li> </ul>

7. Accessibility	The website and Canva-generated content should be accessible to all users.	<ul style="list-style-type: none"> <li>- Ensure Canva designs adhere to accessibility standards (e.g., WCAG).</li> <li>- Provide alternative text for images created in Canva.</li> </ul>
8. Browser Compatibility	Ensure the website and Canva-generated elements work in various browsers.	<ul style="list-style-type: none"> <li>- Test Canva designs and website in major web browsers.</li> <li>- Address any compatibility issues or rendering differences.</li> </ul>
9. Mobile Responsiveness	The website and Canva elements should function well on mobile devices.	<ul style="list-style-type: none"> <li>- Verify that Canva designs are responsive and mobile-friendly.</li> <li>- Test the website's mobile responsiveness with Canva assets.</li> </ul>
10. Data Backup and Recovery	Implement a robust data backup and recovery plan for Canva design files.	<ul style="list-style-type: none"> <li>- Regularly backup Canva-generated assets in case of data loss.</li> <li>- Define a process for recovering Canva designs in the event of loss.</li> </ul>