🌐 Web Integration Plan

For: Enchant Wings – Marvel Butterfly

🔗 Purpose of Web Integration

1. Showcase the Project
Display the butterfly model, story, features, and process.

2. Interactive Experience
Let users virtually interact with the butterfly — change colors, move wings, or view in 3D/AR.

3. Educational Hub
Share lessons on metamorphosis, nature + tech fusion, or STEAM education.

4. Community Engagement
Collect feedback, allow user uploads (fan art, projects), or run butterfly design contests.

5. E-commerce (optional)
Sell kits, printables, or digital downloads of the butterfly concept/art.

🧩 Key Web Features

Feature	Description
🖼️ Gallery	High-quality images and videos of the enchanted butterfly
📖 Story Page	Interactive story with animations or audio narration
🖊️ Tech Behind the Wings	Explains sensors, microcontrollers, and how it works
🧠 Learn Section	Biology + Fantasy: butterfly life cycle with magical twists
🎨 Design Your Own	Web tool to let users customize butterfly wings
🦋 AR Preview	Try butterfly filters using WebAR (camera-based experience)
📤 Submit Art	Upload user creations or responses inspired by the project
🛒 Shop	Buy kits, printables, or digital versions (optional)
📱 Responsive Design	Works across mobile, tablet, and desktop.

💻 Technology Stack (Suggestions)

Frontend: HTML, CSS, JavaScript (React or Vue for interactivity)

AR Integration: 8thWall, Zappar, or WebXR for browser-based AR

Backend (optional): Node.js or Firebase for user interaction/submissions

CMS (if needed): WordPress or custom dashboard for easy content editing

Hosting: GitHub Pages (free), Vercel, or Netlify

🛠️ Tools You Can Use (No-Code Options)

Webflow / Wix / Squarespace – for drag-and-drop website building

Canva Websites – quick and free if you're just displaying story + images

Figma + Anima – to prototype web design before coding.

🧭 Web Navigation Flow

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[ Home ]
    ├── About the Butterfly
    ├── Experience AR
    ├── Interactive Story
    ├── Behind the Magic (Tech + Science)
    ├── Customize Your Wings (Interactive)
    ├── Gallery / Submissions
    └── Contact / Support / Shop
```