**6. Deployment Phase**

**Objective:**

The Deployment Phase focuses on publishing the completed website so users can access it through the internet. For a static site like this, deployment means hosting the files (HTML, CSS, JS, images) on a free or paid hosting platform.

This phase also involves final pre-launch checks to ensure the site runs correctly in a live environment.

**Deployment Steps**

**1. Code Finalization**

* All pages were tested and finalized
* CSS and JavaScript files were linked correctly
* Folder structure organized (e.g., index.html, menu.html, style.css, script.js, images/ folder)

**2. Hosting Platform Chosen**

For a simple front-end website, free hosting platforms are ideal. Two of the most commonly used are:

| **Platform** | **Why It’s Good** |
| --- | --- |
| **GitHub Pages** | Free, easy to set up, version control with Git |
| **Netlify** | Drag-and-drop support, free domain, CI/CD options |

**3. Steps for GitHub Pages Deployment**

1. Create a GitHub repository
2. Push your project files to the repo
3. Go to **Settings > Pages**
4. Select the branch (usually main) and root folder
5. GitHub generates a live URL

**4. Alternative: Deploy Using Netlify**

1. Go to [Netlify](https://www.netlify.com/)
2. Sign in and click **"Add new site"**
3. Drag and drop your project folder
4. Netlify provides a free URL

**Pre-Deployment Checklist**

| **Checkpoint** | **Status** |
| --- | --- |
| All HTML files linked correctly | ✅ Pass |
| CSS loads properly | ✅ Pass |
| JavaScript runs without errors | ✅ Pass |
| Images load correctly | ✅ Pass |
| Site responsive on different devices | ✅ Pass |
| Navigation links working | ✅ Pass |

**Post-Deployment Testing**

After publishing the site, you should verify:

* Site loads on mobile and desktop browsers
* External links (e.g., social media, contact) work
* Cart and JS features still function correctly
* Pages load quickly and layout remains consistent

**Deployment Output**

| **Deliverable** | **Description** |
| --- | --- |
| Live Website URL | https://yourusername.github.io/food-ordering-site/ |
| Repository URL | https://github.com/yourusername/food-ordering-site |
| Hosting Platform | GitHub Pages / Netlify |

**Summary**

The Deployment Phase made the food ordering website accessible to the public through a live link. This marked the final stage of the SDLC before maintenance. Although the website is static, proper deployment ensures that everything works in a real-world environment.

By choosing a beginner-friendly hosting platform like GitHub Pages or Netlify, the deployment process was fast, free, and required minimal configuration. Post-deployment testing confirmed that all features remained functional and the UI/UX was consistent across devices and browsers.

This phase added professional polish to the project and gave it a **real-world presence**, transforming it from a local project to a live, shareable portfolio piece.