

Project Documentation Checklist

A well-crafted README file can make a big difference in how a project is perceived. Here's a checklist to help you document your Web3 projects clearly and professionally:

1. Project Title and Overview

- **Title:** Provide a clear, descriptive project title.
- **One-line Summary:** Describe what the project does in one sentence (e.g., "A decentralized app for secure art trading").
- **Project Purpose:** Briefly explain the project's existence and the problem it solves.

2. Features

- **Core Features:** List the key features and functionalities of the project.
- **Screenshots/Diagrams:** Include screenshots or diagrams to represent functionality and improve user understanding visually.

3. Tech Stack

- **Languages and Tools:** List all programming languages, frameworks, and tools (e.g., Solidity, Web3.js, Hardhat).
- **Versioning:** Specify versions of critical software where relevant, especially for dependencies.

4. Installation and Setup

- **Requirements:** Mention prerequisites like Node.js, npm, or specific blockchain libraries.
- **Installation Instructions:** Provide clear step-by-step commands for installing dependencies and setting up the project.
- **Configuration:** Explain any required environment variables, API keys, or configurations with examples.

5. Usage Guide

- **Basic Commands:** Include commands to run the app (e.g., `npm start`) or compile/deploy contracts.
- **Testing:** Outline testing instructions, including running unit tests and sample commands.
- **Examples:** Add example interactions with the dApp or smart contract functions to guide users.



6. Project Goals and Roadmap

- **Goals:** State the original goals and objectives of the project.
- **Future Enhancements:** List any planned features or areas for improvement if this is a work-in-progress.

7. Contribution Guidelines *(if open source)*

- **How to Contribute:** Provide contributing instructions, including clone the repository and submit pull requests.
- **Code Style:** Mention coding standards or guidelines if applicable.

8. License

- **License Type:** State the license type (e.g., MIT, Apache 2.0) and include a link or copy in a LICENSE file.

9. Contact Information

- **Author's Name & Email:** Add contact information so users or potential employers can reach out.
- **LinkedIn or Portfolio Links:** Optionally, include links to social profiles or portfolios.