

NAAN MUDHALVAN PROJECT

PROJECT DEVELOPMENT PHASE

1. Functional features included in the solution:

Brand Name Selection Features:

- Brainstorming and idea collection.
- Collaborative decision-making.
- Domain name availability checks.

Brand Email Setup Features:

- Email hosting setup.
- Creation of branded email addresses.
- User management and permissions.
- Email security and spam protection.
- Integration with email clients (e.g., Outlook, Gmail).

Brand Logo Design Features:

- Graphic design tools and features for logo creation.
- Collaboration and feedback mechanisms.
- File format export options (e.g., PNG, SVG).
- Version control for design iterations.

2. Exception Handling:

Identify Potential Exceptions: First, identify the areas in your code where exceptions may occur. This could be during file I/O, network operations, or any other operations that might encounter errors.

Wrap Code in Try-Except Blocks: Wrap the potentially problematic code in try-except blocks. These blocks will allow you to catch exceptions when they occur and handle them gracefully.

Catch Specific Exceptions: You can catch specific exceptions by specifying the type of exception in the except block. For example, you can catch `FileNotFoundError` or `ValueError`.

Handle Exceptions: In the except block, define how you want to handle the exception. This could involve logging an error, displaying a message to the user, or taking corrective action.

Use finally Block (Optional): You can include a finally block after the try-except blocks. Code in the finally block will execute regardless of whether an exception occurred. It's often used for cleanup tasks.

Raise Custom Exceptions (Optional): If needed, you can raise custom exceptions using the `raise` statement. This allows you to create and handle specific exceptions for your application.