

Project Explanation (Top to Bottom)

1. First I created a one-page layout in index.php.

I kept the whole UI in one file because the task mentioned a single-page application. I organised it into four sections — Banner, About, Contact Form, and Footer. The structure makes it simple, clean and easy to navigate.

2. The Banner section acts as the hero area.

I added a banner with a bold heading and a short description. This gives a quick idea of what the page is about when someone lands on it.

3. Next is the About Us section.

This section is straight-forward — it explains what the site or service is about. I kept the text short and clean.

4. Then I built the Contact Form — the main functional part.

Users can enter name, email, and message. When they submit, it sends the data to contact.php using POST. I validated the inputs and stored them in the database using PDO. This demonstrates backend handling: validation, DB connection, and insert query.

5. The Footer wraps the page neatly.

It's simple — just the year and a small text. It makes the page feel complete.

6. Then I added the design using style.css.

I used a clean and minimal CSS file. Dark hero section, light sections, simple form layout. The focus was readability and neatness.

7. I kept the folder structure simple.

The project contains index.php, contact.php, style.css. Easy for anyone to understand.

8. Finally, I tested everything end-to-end.

I tested the form with valid, invalid, and empty inputs, checked DB storage, and wrote a README explaining setup.

Summary:

It's a clean single-page PHP site. Static Banner and About sections, a functional Contact Form that saves data to DB, and minimal CSS for neat design. The focus was clarity and working backend logic.