Web application - Shape Calculator

Summary:

- Create a web application that calculates shape areas using a language of your choosing.
- Apply a simple design using CSS and HTML. Please see the attached wire frame design (Shape Calculator.pdf) for functionality and page layout.

What to do:

- Create a web application.
- First web page should show a radio button list of shapes (circle, square, rectangle, eclipse).
- When you click on a shape, you are asked to enter dimensions.
    - For circle, only diameter is required
    - For eclipse, height and width is required.
    - For square, width is is required.
    - For rectangle, width and height is required.
- After entering the dimensions the area of the shape will be calculated.

Requirements:

- The web application should be packaged as a zip file and emailed.
    - Source code should be included in the zip file.
    - All config parameters should have useful default values.
- Your code should be easy to read and understand.
- You should be able to verbally explain your design considerations.
- Presentation logic should be separate from other logic.
- It should be easy to add new types of shapes in the future.

Specification to shape calculation.pdf:

Image 1:

- Display header with text (images/BWLogo.png). To the left is a short informative text of how to use the application, and some dummy text. In the right there is a radio button list of the Shapes available as links. User should select one and click next.

Image 2:

- Step 2 includes a form with labels and input field required for calculating the selected shapes Area. Be aware that different shapes require different input fields. When the user clicks on Next this enables step 3 with the calculated value of the are.

Image 3:

- The result is a dynamic text based on what the user have selected in the previous steps and the calculated area. The submit button takes the user to step 1 again.

Good Luck!