Create a design document

Start with a broad overview of the task at hand. What are the objectives and requirements?

Research phase

Gather information on technologies, Prior art.

Work out what the objects are that need to be modelled

Work out what I'm going to use to implement and how I'm going to approach it.

What are the risks?

Work out the high-level tasks

Implement tasks

Review task list against time.

Review how it went.