Waterfall model

The waterfall model is the classical models. As this model emphasizes planning in early stages, it ensures design flaws before they develop. The model begins with establishing system requirements and software requirements and continues with architectural design, detailed design, coding, testing, and maintenance. It separates and distinct phases of specification and development.

<http://en.wikipedia.org/wiki/Waterfall_model>

<http://www.ijcsi.org/papers/7-5-94-101.pdf>