

Software Development Model

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A **Software Development Model** is a process or methodology selected for the development of the project depending on the project's aims and goals. There are many development lifecycle models used in order to achieve different objectives required by a project. The models specify the various stages of the process and the order in which they are carried out.

The selection of a model is impactful in determining the testing requirements. The Model defines the **what**, **where**, and **when** planned testing, influences regression testing and largely determines which test techniques to use.

There are various Software development models or methodologies and many are variations of the two main models: Waterfall and Agile. There is no "right" model, but understanding which model is being used, and having guidelines that are adhered to is important.

Some Software Development Models are:

- [Waterfall Model](#)
- [V-Model](#)
- [Incremental Model](#)
- [Rapid Application Development \(RAD\) Model](#)
- [Agile Model](#)
- [Interactive Model](#)
- [Spiral Model](#)
- [Prototype Model](#)

Source: <https://tryqa.com/what-are-the-software-development-models/>

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Last update: **2022/08/30 20:58**

