SDLC Agile Model

The iterative waterfall model was popular in the olden days for completing a project. But, following this model, the software developer had to face various issues and difficulties especially when customers request for handling change or there is an update in the system requirement. So to mitigate such problems and drawbacks in older models, the new model

X the year 1990, and they proposed the model with a name Agile

ent. In this tutorial, you will learn about the structure and working of the

gile Model?

development model was mainly intended for helping developers build a
adapt to transforming requests quickly. So, the most important endeavor
Agile model is to make easy and rapid project achievement. For
developers need to preserve the agility during development. Agility can
recting the progression to the project by eliminating activities which
for that specific project.

For each iteration, engages a cross-functional group of developers functioning concurrently on various areas of product development such as:

1. Planning
2. Requirements Analysis
3. Design
4. Development
5. Unit Testing

6. Deployment

Once all the iterations are completed giving rise to a successful product, it is displayed to the customers and other stakeholders who will approve and accept the final product.
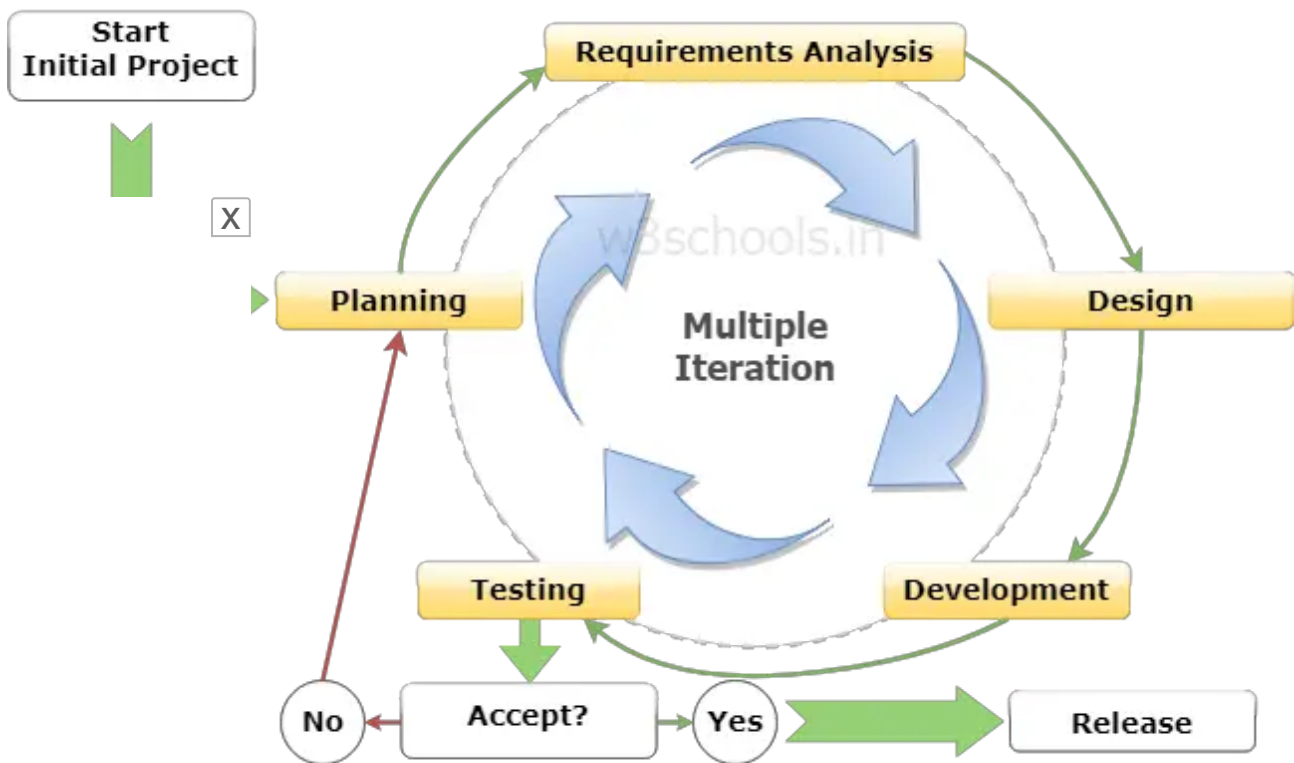

Fig: SDLC Agile Software Development Model

gile Methodology of Software Development

le model is a collective iteration grouped to do the development
ct. These procedures share some essential qualities but do have
ences between each of them. Here are lists of different kinds of Agile
are used by software development companies. These are:

n development

- Atern
- Scrum
- Unified process
- Extreme programming (XP)
- Lean development

Amongst them, Scrum, Lean and Extreme programming are some of the most popular forms of Agile development methodologies.

Manifesto Principles of Agile Model

- For launching a close connection with the client throughout the development as well as to achieve a public perception of a variety of requirements; each Agile development process typically comprises of a customer representative within the development team.

- This model also relies on effective software deployment methodology rather than having comprehensive documentation.

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  so provides regular release of incremental versions of the product to its
  d stakeholders in an interval of 2 to 3 weeks.

  of change in customer's system requirement is always welcome
  any point of development.

  lel needs all its team members to be efficient, and there should have to
  mmunication among them for better development of the product. It is
  icient and proper communication between team members is possible by
  e-to-face discussion rather than exchanging emails or through online

ile Methodologies

programming which reduces the number of errors in the development or
and is better than a single programmer doing all the hard part.

ms down the entire development time of any project.

ration, customers and stakeholders of the project can get a fair idea the
vare that is being developed by the agile model. So, any change in the
e addressed at any iteration.

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