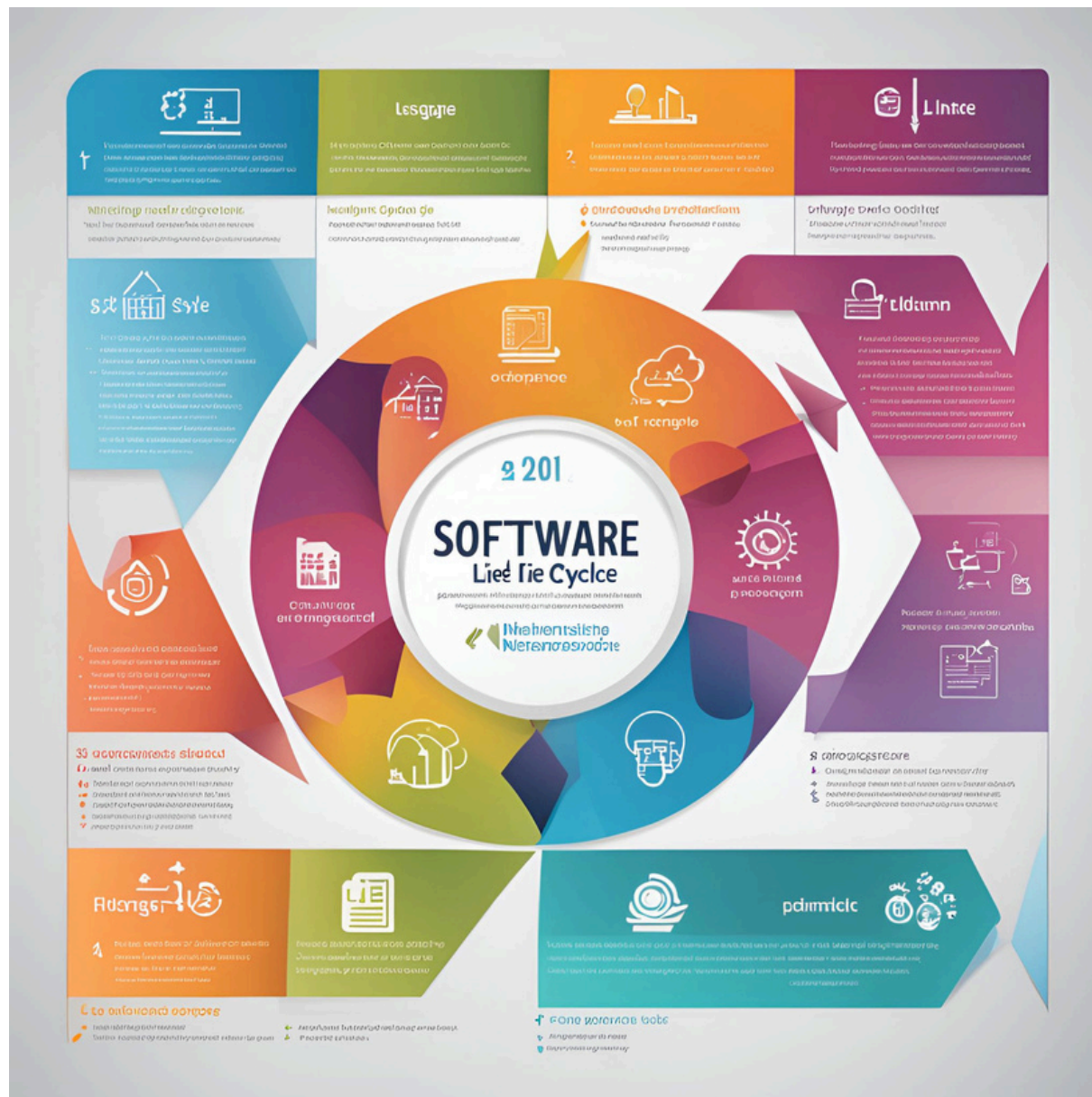# Software Development life cycle

The Software Development Life Cycle (SDLC) is a process used to create software in a structured way. It includes stages like planning, designing, building, testing, and maintaining the software to ensure it meets user needs and works correctly.

DRAWBACKS

WATERFALL	ITERATIVE	SPIRAL	V-MODEL

It doesn't easily allow changes once a phase is completed.

It can take more time and effort because the process is repeated several times.

It can be expensive and complicated to manage, especially for small projects.

it's rigid and doesn't handle changes well once development starts.

ITERATIVE APPROACH

The Iterative model is often considered the best among the four because it allows for flexibility and ongoing improvements by developing the software in small, manageable cycles. Unlike the Waterfall and V-Model, it adapts well to changes, and it's less complex and costly than the Spiral model.

Thank You