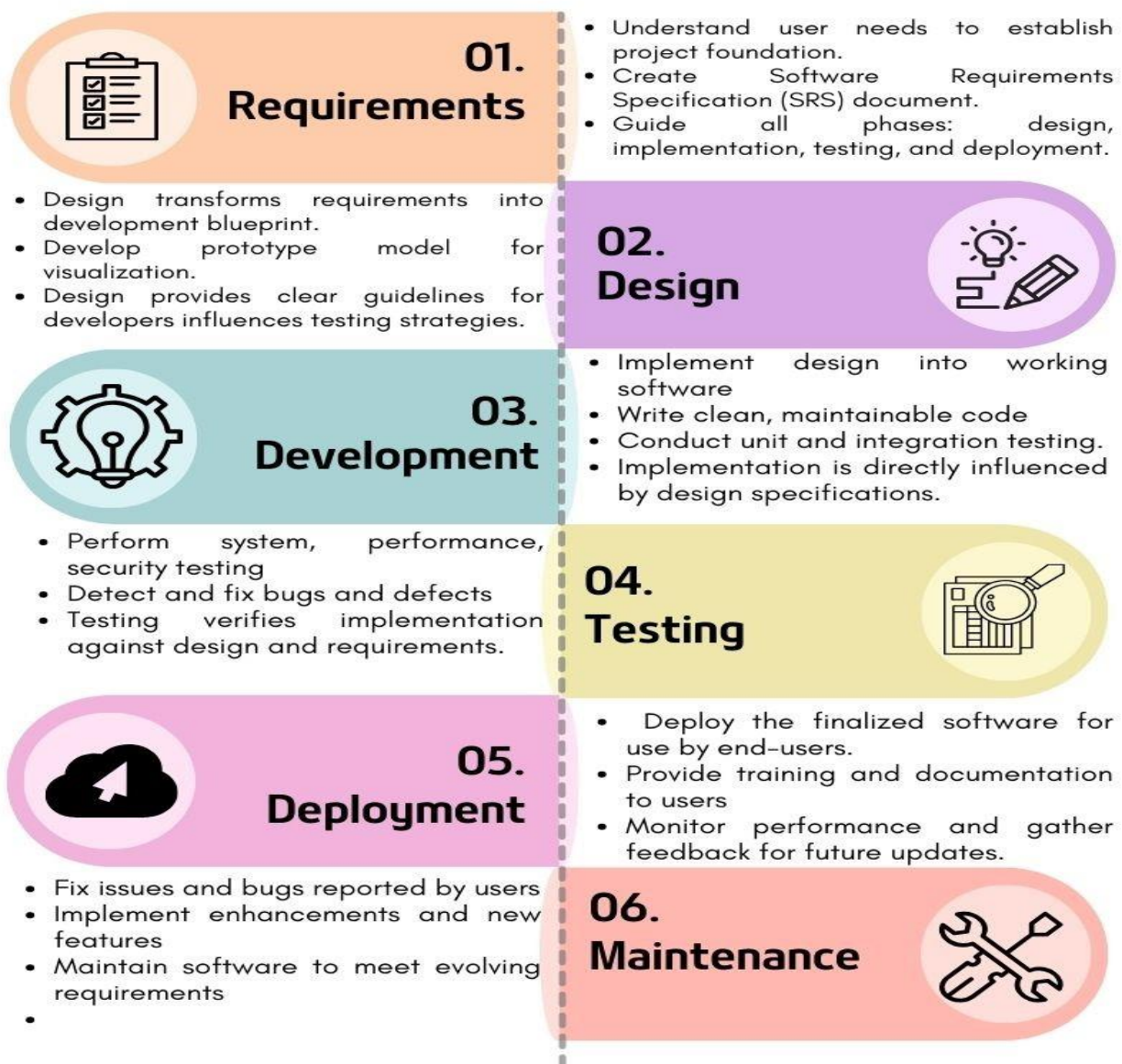


## Assignment-1(SDLC)

Create one-page infographic that outlines the SDLC phases (requirements, Design, Implementation, testing, deployment) highlighting the importance of each phase and how they interconnect?

# 6 STEPS OF SDLC



The Software Development Life Cycle (SDLC) consists of different interconnected phases, each phase is important in the development and deployment of high-quality software. Requirements gathering lays the foundation by aligning software with user needs. the design then transforms these requirements into a blueprint, offering clear guidelines for implementation and influencing testing strategies. Implementation translates design specifications into functional code, directly using requirements and design. Testing ensures software quality by validating the software and informing necessary adjustments. Finally, deployment releases the software to users and collects feedback for future updates.

These phases form a continuous process, with each building upon the outcomes of the previous one to deliver software.