Proposes that practicing CD reduces deployment risk, allows believable progress tracking and enables fast user feedback.

Testing is challenge

CI is introduced before CD,

Because it is a predecessor and requirement of CD

Continuous integration (CI) is a soft-ware development practice where software is integrated continuously during development .In contrast ,some projects have integrated the work of individual developers or teams only after multiple days ,weeks or even months of development . When the integration is delayed ,the possibility and severeness of conflicts between different lines of working crease.

Good practice of CI requires all developers to integrate their

Work to a common code repository on a daily basis[11]. In addition, after each integration, the system should be built and tested,

to ensure that the system is still functional after each change and

that it is safe for others to build on top of the new changes

motivation to continuous deployment quick feedback , from production use to fix defects that would

be otherwise too expensive to detect[13]