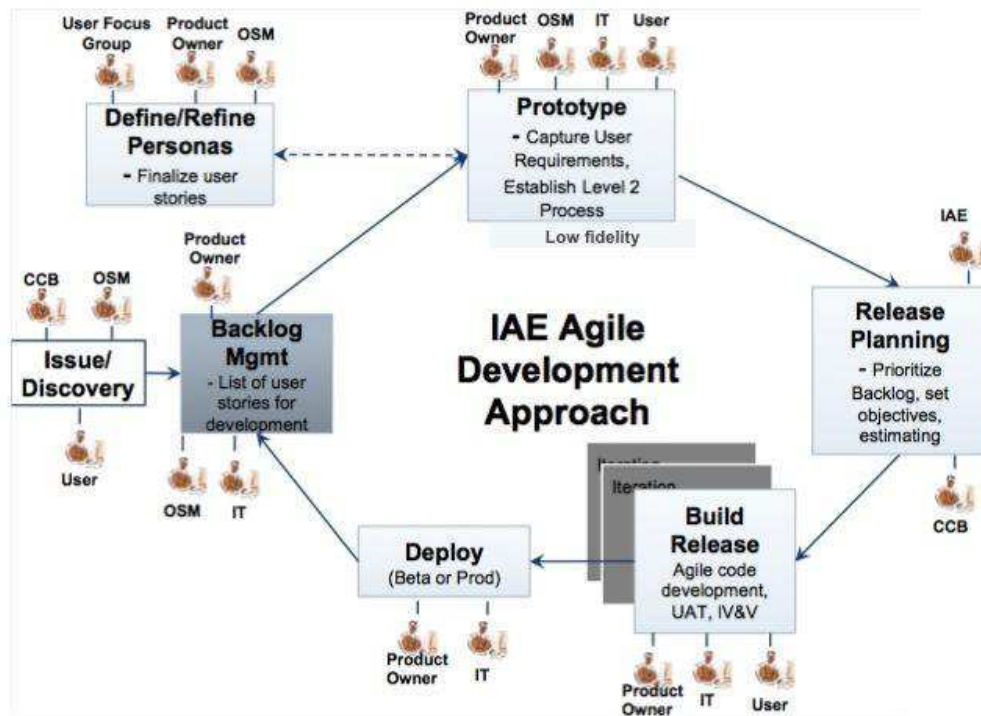


Agile Development & Continuous Integration



In the IAE development approach:

IAE will soon be using customized **Scaled Agile Framework (SAFe)**, a software development methodology knowledge base for implementing agile practices at enterprise scale.

Code and code-related artifacts for each production version of IAE will be made available in an open, central **Public Code Repository**. At a minimum, this repository will contain stable or nearly stable code including Potentially Shippable Increments (PSIs) and each Integrated Release Candidate.

The DevOps team will support **Continuous Integration**, a development practice that requires developers to integrate code into a shared repository several times a day so it can be verified by an automated build to detect problems early.

Automated testing will be used throughout to increase the effectiveness, efficiency and coverage of software testing.

Infrastructure as Code will be used to address the need to minimize cycle time and to manage multiple configurations and environment versions. This also will allow external organizations to build a mirror of our environment in their own spaces.