

Recommend and Design System Feedback Mechanisms



Lesson 02: Continuous Experimentation Mindset



Feature Flags

By using feature flags in the continuous delivery process, teams can efficiently integrate release, deployment, and operational management into the software development cycle.

Continuous Delivery

Benefits

- Faster software development
- Smaller and more frequent releases
- Automated testing
- Reduced development risk
- Better development coordination
- Quickly adapt to shifting markets

Benefits with Feature Flags

- Decouple rollout from code deployment
- Releases with substantially mitigated risk
- Customer feedback loop
- Percentage rollouts and targeted releases
- Feature rollbacks without redeploying
- Configuration and long-term management

Lesson 03: Design Practices to Measure End-User Satisfaction



Design Practices to Measure End-User Satisfaction

1. Outline your goals and plan.
2. Create a customer satisfaction survey.
3. Choose your survey's trigger and timing.
4. Analyze the survey data.
5. Make adjustments and repeat.

Lesson 04: Design Processes to Capture and Analyze User Feedback



- “For every customer who bothers to complain, 20 other customers remain silent.”



Configure Twitter Sentiment



Pre-deployment approval

Select the users who can approve releases.


Gates* ^

Define gates to evaluate before releasing.


Delay before evaluation *

15


Deployment gates ⓘ

 Azure Monitor


Observe the configured Azure monitor rules for active alerts.

 Get Twitter Sentiment


Gate your releases based on average sentiment of tweets for a hashtag.

 Invoke Azure Function

Invoke Azure Function as a part of your process.

 Invoke REST API

Invoke REST API as a part of your process.

 Query Work Items

Executes a work item query and checks for the number of items returned.

+

Add