Component Techniques Including Optimistic UI and Course Takeaways

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Coming Up

Handling REST call cancelling when components terminate early

Implementing an optimistic UI on speaker favoring

Implementing toast notifications on REST PUT call failures

GET Request
JSON

Mode of Failure on REST Calls

Slow response

Web servers could take a long time to respond to requests

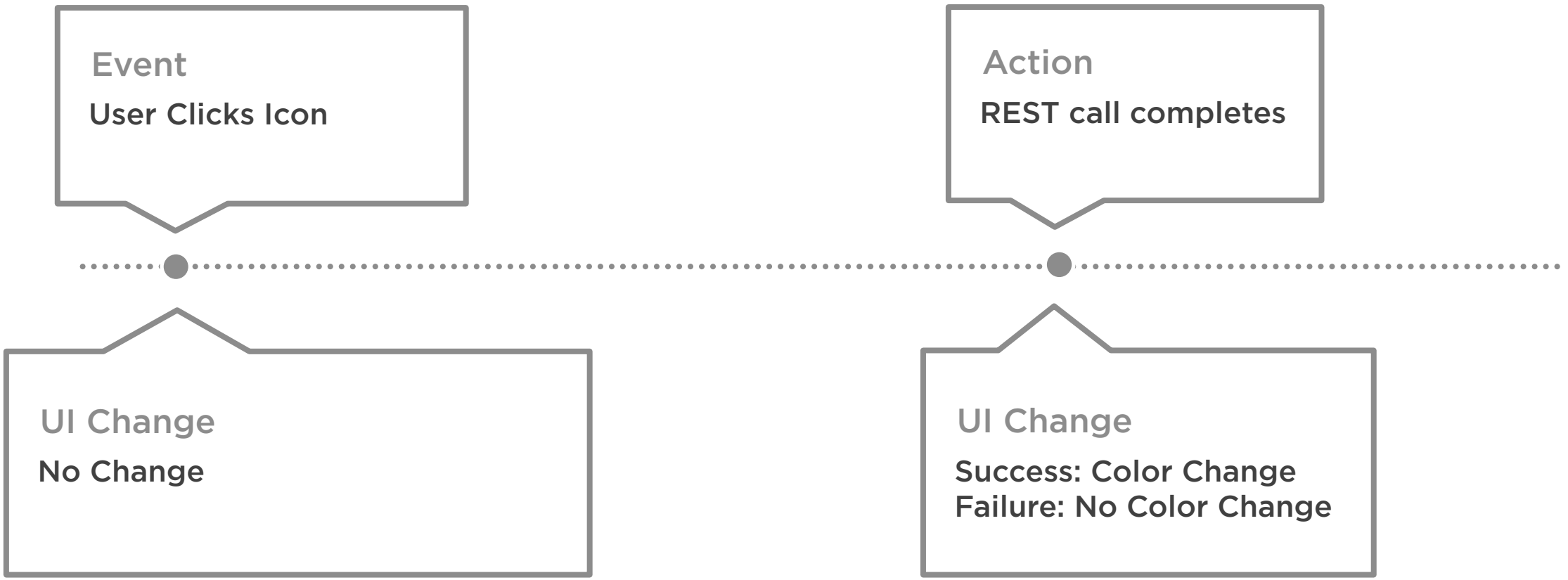
App includes code splitting

Often, apps with multiple routes implement code splitting

User navigates away from page

If code splitting is across routes, navigation can dispose of code

Timeline for Speaker Favoring Selection Currently



Timeline for Speaker Favoring Selection Currently

Event

User Clicks Icon

Action

REST call completes

UI Change

No Change

UI Change

Success: Color Change
Failure: No Color Change

Timeline for Speaker Favoring Selection Currently

Event

User Clicks Icon

UI Change

No Change

Action

REST call completes

UI Change

Success: Color Change
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Timeline for Speaker Favoring Selection Optimistic UI

Event

User Clicks Icon

Action

REST call completes

UI Change

Color Change Always

UI Change

Success: No Color Change
Failure: Color Change

Timeline for Speaker Favoring Selection Optimistic UI

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User Clicks Icon

UI Change

Color Change Always

Action

REST call completes

UI Change

Success: No Color Change
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Timeline for Speaker Favoring Selection Optimistic UI

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User Clicks Icon

UI Change

Color Change Always

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REST call completes

UI Change

Success: No Color Change
Failure: Color Change

Optimistic UI

When a user performs some action, and the UI updates with the expected result immediately, even though there may be some back-end processing still pending