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Kashti 2.0 Capstone Video Script

Setting: Portrait shot of presenter in a professional setting (such as an office). Light, upbeat music playing softly in the background

Presenter 1: “In 2017, Microsoft and the open-source community created an event-driven scripting platform called Brigade. Brigade has been used by many developers and industry professionals to tie custom events with custom actions.”

Animation: Show visuals on screen listing the examples as the presenter introduces them

Presenter 1: “This means that a developer can write a script to do things like automatically run unit tests (the action) whenever someone on his/her team creates a pull request (the event), turn on the lights in the house when a Slack message is received, or send email notifications when a new image is pushed to the Docker Hub.”

Animation: Remove visuals from the screen

Presenter 1: “Brigade is a powerful platform, but after a few years, it needs some updates to improve its usability. That’s why Microsoft and the open-source community have produced Brigade 2.0: the second version of the platform.”

Scene Change: Display pictures of the Kashti 2.0 team around the Kashti symbol and the Kashti 2.0 objective statement (“Create a secure, interactive web-based User Interface (UI) that offers full functionality for the Brigade event-driven scripting platform by May 2021 ”).

Presenter 2: “Brigade by itself only has a command line interface. Microsoft has approached our Capstone team and asked us to create a web-based user interface for Brigade, which is called Kashti. The first version of Brigade had its own version of Kashti, so our job was to create a Kashti 2.0 to be compatible with Brigade 2.0.”

Scene Change: Display screenshare of Kashti 1.0 matching the actions described by the presenter. In the upper right corner of the screen, a label clearly says that it is “Kashti 1.0” being displayed.

Presenter 2: “When users want to tie an event with an action, they will create a Project. Here is the Projects page on Kashti 1.0.”

Scene Change: Display screenshare of Kashti 2.0 matching the actions described by the presenter. In the upper right corner of the screen, a label clearly says that it is “Kashti 2.0” being displayed.

Presenter 2: “Kashti 2.0 adds the functionality of being able to create new items, edit existing items, and delete items. There is also the ability to log out or log in, which adds security to the Kashti-Brigade system. Kashti 2.0 also implements an improved UI with different design elements that give user feedback which was lacking in Kashti 1.0.”

Scene Change: Display screenshots of Kashti 1.0’s UI on the left and the corresponding Kashti 2.0 UI on the right as the presenter acknowledges them.

Presenter 3: “Kashti 2.0 has been updated to include these features and more on the Projects pages (which groups an event-action pair together), the Events page (which details specific events and the script results), the Jobs page (which provides deeper insight into specific events), and the Workers page (which details the resources used in the system to handle the events).”

Scene Change: Display the NPM page for the brigade-sdk package

Presenter 3: “Part of creating Kashti 2.0 includes creating a TypeScript SDK which the UI leverages to access Brigade. This SDK can be used by Brigade users to seamlessly integrate the platform into their own apps by importing the package containing the SDK.”

Scene Change: Portrait shot of original presenter in the original setting.

Presenter 1: “Kashti 2.0 makes Brigade more accessible to large enterprise organizations and our Capstone team will be happy to see our work showcased at Kubecon 2021. By making Brigade more accessible through Kashti, even more people will be able to leverage the power of event-driven scripting.”