

Notes/requirements from Microsoft: (Kent Rancourt (lead) and Taylor Thomas)

- The project is Pipelines/Kubernetes utilizing tools called Brigade and Kashti
- What is Brigade: (V 2.0 is underway)
- Event driven scripting Engine for Kubernetes: this is a container orchestration tool
  - o Connects arbitrary events with arbitrary workflows
  - o Automate anything
  - o Common use cases:
    - CI/CD pipelines
    - Static code analysis
    - Generating report
- What is Kashti?
  - o Currently a read-only web dashboard for Brigade
  - o Has a UI for viewing:
    - Projects
    - Events
    - Jobs
    - Logs
- What are we doing?
  - Re-design, re-implement Kashti from the ground up
  - Make sure it is Brigade 2.0 compatible
  - Add new project + event management features
  - Work with Brigade project leads who are currently building out the Brigade 2.0 API
- Along the way...
  - Authenticate users with third-party identity providers using OpenID connect
  - Develop JavaScript SDK for the new Brigade API
  - Package Kashti for easy installation on Kubernetes via the Helm Package Manager

### **Possible Roadblocks Ahead/ Things that can delay us:**

- **Taylor and Kent both recommend attempting to hash out the JS SDK as much as possible.**
- **It is also recommended that we get our general UX/design all put together, so that we can work with confidence on the actual front-end implementation. Having this, can also help while utilizing the SDK to start interacting with Brigade and implementing the front end features and in small chunks as we progress further.**
- **Kent also noted that there is an official SDK for go already in the version two branch of the Brigade repository on github:**
  - **It would be a lift to port it to js (or even better, ts) sooner rather than later**
  - **This can also help later on for direct communication with the API server and SDK**

