

# PBS Climate Sensor Application

## Executive Summary

The purpose of this Proof of Concept is to design a mobile and web-based application; utilize and integrate the BookIt API; and to build a user interface demonstrating the use of various environmental modalities to select a workspace or conference room.

## Scope

- Create a mobile and web-based application
- Utilize BookIT API to demonstrate interface with environmental modalities

## Success Criteria

Completed UX design

Successfully integrated BookIT API that returns “live” data based on user selected environmental factors

Successful user review & feedback from business stakeholders

## Using Agile Investment

Collaboration between PBS & GSA IT

Composed Scrum Team with use of JIRA to manage PoC tasks

Used a 2-Wk cadence to complete Discovery, Technical, and four active sprints

## Lessons Learned

- Sprint 0 is needed in addition to the Technical & Discovery Sprints prep development environment, set up account access, etc.
- We have identified an ongoing need for development hardware & software, and a “sandbox” environment to host PoC applications