Smarter Balanced Assessment Consortium Recommendation

OSS Community Planning

Recommendation for the Smarter Balanced Assessment Consortium

6 August 2012

Summary

This document provides guidance to assist Smarter Balanced with their goals of building an Open Source assessment platform, specifically the open source community.

1. License Requirements

All codes assets created or leveraged for Smarter Balanced shall be licensed using the Apache License 2.0. The Apache License is a permissive license allowing anyone to make modifications and redistribute under a different license as long as copyright and attribution information are preserved and modification details are included within each file. This license provides a good balance of protecting the Smarter Balanced code base without disincentivizing those that would like to add value to the system. Details on the Apache License can be found at http://www.apache.org/licenses/LICENSE-2.0.html.

2. Repository Requirements

To ensure that the Smarter Balanced Assessment system components licensed under open source agreements can be supported by the software engineering community, Period B vendors will be responsible for publishing code assets and related materials accepted by Smarter Balanced to GitHub, a commercial open source code repository and community platform, by September 30, 2014. You can find more information on GitHub at http://github.com/about.

3. Asset Requirements

Development vendors should plan for the following assets to be included in to the open source repository:

Product Development

- Requirements: any requirements and/or needs identified by Smarter Balanced during Period B should be moved into the GitHub Issue Tracking system. You can find more information about GitHub Issue Tracking at https://github.com/features/projects/issues.

- Design: any screen and/or software design documentation created during Period B should be moved into the Gollum, the open source GitHub wiki system. You can find more information about Gollum at https://github.com/features/projects/wikis.

- Software Engineering: any source code, including media and/or data assets, created during Period B should be moved into the GitHub source code repository. You can find more information about this repository at https://github.com/features/hosting.

- Quality Assurance: any test plans and/or test cases created during Period B should be moved into Gollum. Any outstanding software defects identified during Period B should be moved into the GitHub Issue Tracking system.

- Deployment: any deployment scripts created during Period B should be moved into the GitHub

source code repository. Any supporting deployment documentation should be moved into Gollum.

Implementation

- Administration: any administrator documentation, including system setup and configuration guides, created during Period B should be moved into Gollum.

- FAQ: any frequently asked questions regarding system implementation should be moved into Gollum.

Operations

- End-User Support: any end-user documentation, including step-by-step guides for completing the primary business functions of the system, created during Period B should be moved into Gollum.

- Issues: any operational issues identified during Pilot and/or Field Testing should be moved into the GitHub Issue Tracking system.

- Monitoring Systems: any systems monitoring agents and/or related tools should be published to the GitHub source code repository. Any monitoring and/or supporting documentation should be moved into Gollum.

- FAQ: any end-user frequently asked questions should be moved into Gollum.

Finally, any other documentation created and/or made available for the purposes of knowledge transfer to Smarter Balanced should be moved into GitHub. Delivery of the open source community by Period B vendors will be reviewed and approved by the Smarter Balanced Architecture Review Board.