**Monthly Status Report**

**My Family Health Portal**

**Diabetes Risk Assessment Development**

**Agreement #11XS284**

**January 2012 Status Report**

**Submitted by: Bill Mason**

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**Contract company: 5AM Solutions**

**February 7, 2012**

**Personnel Roster**

|  |  |  |
| --- | --- | --- |
| **Name** | **Title/Role** | **Contact Information** |
| Leslie Power | Executive Management | [power@5amsolutions.com](mailto:lpower@5amsolutions.com) |
| Bill Mason | Project Manager | [bmason@5amsolutions.com](mailto:bmason@5amsolutions.com) |
| Bilal Mechairia | Senior UI Designer | [bmechairia@5amsolutions.com](mailto:bmechairia@5amsolutions.com) |
| Brian Pickeral | Software Engineer | [bpickeral@5amsolutions.com](mailto:bpickeral@5amsolutions.com) |

**Technical Status Overview**

***Program status***

***Last month*** (January), we started on the new contract and completed the following:

* Created all necessary accounts for the team including Jira, access to the NCI wiki and NCI repositories. Completed the tech stack upgrade for MFHP and the colorectal risk tool from JBoss4 to Jboss 5. Included in that was upgrading any other technical components which were not up to the latest CBIIT standard tech stack.
* Completed the UI wireframes for new user interface and had them reviewed by all parties.
* The Diabetes risk algorithm was implemented along with updating the underling XML document to hold the new fields.
* All application and 508 scans were completed this month but the issues discovered have not been resolved.
* Met with the systems team to review the ARC

***This month*** (February), By the end of this month we plan to:

* Complete all application and 508 scan issues resolved.
* Deploy the MFHP and the colorectal risk tool deployed to a staging tier in anticipation of deploying it to production in March.
* Complete the Diabetes risk tool
* Deploy the Diabetes risk tool to a staging tier where user acceptance testing can be done.
* Compete any outstanding issues with the ARC

***Future directions*** Fix any bugs that come out of testing.

***Risks***: There is a possibility of the Diabetes risk calculator algorithm will need to be re-implemented.

***Resource planning***: No changes

***Issues or obstacles impeding progress:*** none

**Status of Deliverables**

| **Deliverable/Milestone** | **Delivery Date** | **% Complete and Status** |
| --- | --- | --- |
| Project Wiki Site | Within 20 days of project start | Done. [MFHP Wiki page](https://wiki.nci.nih.gov/display/sysdeploy/My+Family+Health+Portrait+%28MFHP%29+Systems+Deployment+Documents) |
| Technical Project Plan | Final 20 days following project kickoff | Done. [Technical project plan](https://wiki.nci.nih.gov/display/sysdeploy/DRC+Technical+Project+Management+Plan) |
| Financial Project Plan | Final 20 days following project kickoff | Done |
| Monthly status report | 10th of each month | Monthly status reports are e-mailed each month to Greg Downing and Debra Hope. |
| Monthly Financial Status report | 10th of each month |  |
| Software Design Document | Release of Software | Ongoing |
| Technical Documentation | Release of Software | Ongoing |
| Project Summary Report | No later than 30 days before project completion |  |

**Technical Task Details**

Below are all the completed project tasks for January taken from Jira.

*-------------------------------------*

|  |  |
| --- | --- |
| [DRC-1](https://tracker.nci.nih.gov/browse/DRC-1) | Create Next set of Wireframes (V 1.1) |
| [DRC-2](https://tracker.nci.nih.gov/browse/DRC-2) | Plan/attend Discussion with Deb, Gregs, Bilal, and Leslie about Wireframes |
| [DRC-3](https://tracker.nci.nih.gov/browse/DRC-3) | Layout a plan for the App Scan |
| [DRC-4](https://tracker.nci.nih.gov/browse/DRC-4) | Review ARC |
| [DRC-5](https://tracker.nci.nih.gov/browse/DRC-5) | Send Arc for Review |
| [DRC-7](https://tracker.nci.nih.gov/browse/DRC-7) | Add new fields to MFHP, hl7-commons, and transformers |
| [DRC-8](https://tracker.nci.nih.gov/browse/DRC-8) | Handle transformations between XML, Pedigree and FlatPedigreeParentComponent (Risk XML) |
| [DRC-9](https://tracker.nci.nih.gov/browse/DRC-9) | Setup DRC Web Service to take HL7 XML (String) parameter and return an HL7 XML with FlatPedigreeParentComponent (Risk XML) |
| [DRC-10](https://tracker.nci.nih.gov/browse/DRC-10) | Implement FlatPedigreeParentComponent Factory |
| [DRC-11](https://tracker.nci.nih.gov/browse/DRC-11) | Create Calculation component interfaces/classes (DRC services jar) |
| [DRC-12](https://tracker.nci.nih.gov/browse/DRC-12) | Implement calculation algorithm |
| [DRC-13](https://tracker.nci.nih.gov/browse/DRC-13) | Move DRC Code base to new NCI repository |
| [DRC-15](https://tracker.nci.nih.gov/browse/DRC-15) | Call calculation component + FlatPedigreeParentComponent Factory from Web Service + Integration Test |
| [DRC-16](https://tracker.nci.nih.gov/browse/DRC-16) | Create Java classes to download risk HTML |
| [DRC-17](https://tracker.nci.nih.gov/browse/DRC-17) | Create Java Utility class for risk and letter to physician PDF |