# PICS System Improvement - Four-Up Charts

#### 1/16/2018 - 1/21/2018

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 Starting Iteration 4 development (All)

#### **Risks**

- Bug fixes from previous releases make this iteration our heaviest hours-wise yet (Grant)
- Estimates could be wildly off in terms of building a brand new module in this system (All)

#### **Plans**

- Work on Iteration 4 (All)
- Work w/ sponsors to establish new meeting time (Grant)
- Develop new meeting agenda that incorporates testing (Grant)

#### **Needs**

 Iteration 4 development to begin early (no procrastination!) (All)

### **Progress**

- Finishing Iteration 3 Development (All)
- Virtual Machine environment is spun up, working out kinks (Ben)

#### **Risks**

• Issues with virtual machine (Ben)

#### **Plans**

- Finish any leftover iteration 3 tasks (All)
- Work w/ sponsors to facilitate acceptance testing efforts (Grant)
- Begin vacation (All)

#### **Needs**

- Iteration 3 development to finish (All)
- Sponsor sign off on tasks so far, before production push over break (Grant)

#### 12/11/2017 - 12/17/2017

## **Progress**

- Finishing Iteration 3 Development (All)
- Virtual Machine environment is spun up, working out kinks (Ben)

# **Risks**

- Issues with virtual machine adaptation (Ben)
- Lack of iteration 3 progress (All)

#### **Plans**

- Finish iteration 3 development (All)
- Work w/ sponsors to facilitate acceptance testing efforts (Grant)

## **Needs**

 Iteration 3 development to finish (All)

<ul> <li>Sponsor sign off on tasks so far,</li> </ul>
before production push over break
(Grant)

# 12/4/2017 - 12/10/2017

# **Progress**

- Iteration 3 development, week 3 (All)
- Virtual Machine environment is spun up (Ben)

#### **Risks**

- Issues with virtual machine adaptation (Ben)
- Lack of iteration 3 progress, due to the team focusing on the presentation (All)

#### **Plans**

- Continue iteration 3 development (All)
- Pitch virtual environment solution to sponsors (Ben, All)

## **Needs**

- Iteration 3 development to continue(All)
- Sponsor sign off on virtual machine adaptation (Ben, Grant)

11/27/2017 - 12/3/2017

#### **Risks Progress** • Iteration 3 development (All) • Limited time to work on • Interim Presentation on Thursday, presentation (Grant) 11/30 (All) • Lack of presentation preparation • Lack of iteration 3 progress, due to the team focusing on the presentation (All) **Plans Needs** • Finalize, practice presentation (All) • Team will focus on presentation (All) • Continue iteration 3 development

### 11/20/2017 - 11/26/2017

### **Progress**

(All)

- Iteration 2 Development has Finished (All)
- Iteration 3 Development Begins (All)
- Presentation Prep Begins (All)

#### **Risks**

Limited time to work on presentation (Grant)

Plans	Needs
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- Create Presentation (All)
- Begin Iteration 3 (All)

• Team will focus on presentation (All)

# 11/13/2017 - 11/19/2017

<ul> <li>Progress</li> <li>Iteration 1 tasks continue to be tested and approved (Sponsors + Grant)</li> <li>Iteration 2 development will finish this week (All)</li> </ul>	Risks  • Team members save most of their work for the last week of the iteration (All)
Plans  • Finish Iteration 2 (All)	Needs  • Specific requirements for budget increase request functionality (Austin, Grant, Sponsors)

# 11/6/2017 - 11/12/2017

#### **Progress**

- Iteration 1 tasks continue to be tested and approved (Sponsors + Grant)
- Iteration 2 development continues into week 3 (All)

#### **Risks**

- Team members save most of their work for the last week of the iteration (All)
- Issues with production update (Grant)

#### **Plans**

- Update production with PR field entry fix (Grant)
- Continue iteration 2 development (All)

#### **Needs**

 Specific requirements for budget increase request functionality (Austin, Grant, Sponsors)

# 10/30/2017 - 11/5/2017

# **Progress**

- Beginning Sponsor Sign-off on Iteration 1 tasks (All + Sponsors)
- Iteration 2 development (All)

#### **Risks**

- Leftover Iteration 1 testing delays Iteration 2 development (All)
- Only one large task besides 1.1, split up amongst 3 members? (All)
- External priorities delay development (All)

#### **Plans**

- Enable Sponsor Testing (All)
- Clean up Iteration 1 tasks (All)
- Receive Sponsor Sign-off on all Iteration 1 tasks (All)
- Begin development on Iteration 2 tasks (All)

#### **Needs**

 Sponsor Sign-off on tasks (Grant + All)

# 10/23/2017 - 10/29/2017

#### **Progress**

- Finishing up Iteration 1 development (All)
- Beginning Sponsor Signoff on Iteration 1 tasks (All + Sponsors)
- Starting Iteration 2 development (All)

#### **Risks**

- Leftover Iteration 1 tasks delay Iteration 2 development (All)
- Feedback from Sponsor Review delays Iteration 2 development (All)
- External priorities delay development (All)

#### **Plans**

- Clean up Iteration 1 tasks (All)
- Receive Sponsor Signoff on all Iteration 1 tasks (All)
- Begin development on Iteration 2 tasks (All)

#### **Needs**

 Sponsor Signoff on tasks (Grant + All)

# 10/16/2017 - 10/22/2017

#### **Progress**

- Continuing Iteration 1 Development (All)
- Local Environment Development Has Stalled (Ben + Grant)

#### **Risks**

- Local Environment Setup was a massive timesink (~25-30 hours of development time), and hasn't worked so far. (Ben + Grant)
- Iteration 1 development is still well below what's expected entering the last week (All)
- Development is hampered by the lack of local environment (All)
- Difficulties still exist pushing code to the testing server (All)

#### **Plans**

• Attempt to Finish Iteration 1 (All)

#### **Needs**

- More time logged to tasks (All)
- Finishing touches on ability to move code to staging (Ben)

10/9/2017 - 10/15/2017

# **Progress**

- Continuing Iteration 1 Development (All)
- Progress Made with Getting Local Environment Working (Grant)

#### **Risks**

- Local Environment Setup Continues to be a Chore, Hampers Development (Grant)
- Other Class Commitments Limit Development Time (All)
- Longer Iteration Time Means More Last-Minute Work (All)
- Not Many Hours have been Logged the First Half of Iteration 1 (All)
- No Tasks have been Officially Closed as of Week 3 Start (All)

#### **Plans**

- Continue Iteration 1 Development (All)
- Get Local Environment Fully Functional (Grant)

#### **Needs**

- A Better Local Environment Setup (Grant)
- More Time Logged to Tasks (All)

# 10/2/2017 - 10/8/2017

## **Progress**

- Continuing Iteration 1 Development (All)
- Code Access Granted to All Developers (Ben)

#### **Risks**

- Local Environment Setup Continues to be a Chore, Hampers Development (Grant)
- Other Class Commitments Limit Development Time (All)

Version Control Standards     Established (Grant)	<ul> <li>Longer Iteration Time Means More Last-Minute Work (All)</li> </ul>
Plans	Needs
<ul> <li>Continue Iteration 1 Development (All)</li> <li>Try to Find Usable Local Environment Setup (Grant)</li> </ul>	A Better Local Environment Setup (Grant)

# 9/25/2017 - 10/1/2017

Progress	Risks	
<ul> <li>Domain Model Finished (Austin, Ryan)</li> <li>Iteration 1 Started (All)</li> </ul>	<ul> <li>Local-Machine Testing is proving to be incredibly tricky</li> <li>Mis-estimation of hours for each task due to lack of code understanding</li> <li>Overcommitment for this iteration</li> </ul>	
<ul> <li>Plans</li> <li>Establish Development Procedures &amp; Practices (All)</li> <li>Begin Iteration 1 Development (All)</li> </ul>	<ul> <li>Needs</li> <li>Consensus on what bug-tracking tool to use (All)</li> <li>Clarification on tasks as needed from the sponsors (Dr. DeBartolo &amp; Ms. Fisher)</li> </ul>	

#### 9/18/2017 - 9/24/2017

# Progress Process & Project Plan Created (Grant & Ryan) Domain Model (Austin & Ryan) Schedule Created (Team) Plans Begin First Iteration (Team) Project Plan Initial development time estimates for tasks could be off Needs Lost access to shared account on Nitron (Kurt)

#### 9/10/2017 - 9/17/2017

# **Progress**

- Project Synopsis Written (Ryan)
- Rough WBS Created (Grant)
- Blog Site Ported to SE Department Servers (Ben)
- Unsuccessfully searched for prior teams source code (Austin)

#### **Risks**

- Schedule Estimates Incorrect due to lack of experience and knowledge of the current solution
- Getting access to the prior team's code takes longer than expected

# **Plans**

- Cement WBS (Grant)
- Create Tentative Project Plan (Grant)
- Start Domain Model (Austin)

# Needs

• Access to the Codebase from ITS