**Sprint 2 Post-Mortem**

**for the**

**SIUE Department of Computer Science**

**CS425 / CS499 Senior Project**

**Software Design and Implementation Courses**

**by**

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**of**

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**Learning Outcomes-Based Assessment Database Team**

# Project Burndown chart:

Shows how many hours the team has left for the remainder of the project. We completed 98.5 person-hours dropping the total person-hours from 399.5 to 271.

# Project Effort Chart:

Shows how many person-hours each team member put in over the course of the project.

# Project Velocity Chart:

Shows the weekly breakdown of the average person- hours each team member put in during the weeks worked so far.

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**Fall**

# Analysis:

Over the course of this sprint the team made a few changes to the initial estimates including: reallocating time to include time for learning the new software, and removing the time allocated for integrating LearnOBA to Blackboard. After applying these changes the total estimated person-hours down to 440 hours. These changes are reflected in the Burn down chart shown above.

As the above charts show, the team worked far and above what we estimated for the second sprint (weeks 3 and 4). More specifically the team worked almost double the expected amount of time during week 3. This was due to all of the learning that was done in order to complete the tasks that the team had assigned for Sprint 2.

The learning that the team completed in sprint 2 was not originally estimated for sprint 2. However, by adjusting the estimations to include learning this did not cause the team to burn over on the Project Burndown Chart shown above. While adjusting the estimations kept the team from burning over, working so much in Sprint 2 did cause the team to burn far under where we had planned on being. All of the extra work that the team did during this sprint was applied to the Learning tasks that are in the project backlog.

The team has adjusted the remaining estimation to reflect the extra work that was finished on sprint 2. Based off of the current estimation, and the number of sprints we have left, the team now estimates that it will take 57.6 total person-hours per sprint to finish LearnOBA. Breaking that down further, it is estimated that it will take each member 6.7 person hours per sprint to complete this project. The revised Burndown Chart that the team will be using going forward is shown below.