

Sprint 2 Report

BSOE Course Scheduler

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Actions to stop doing: As a team, we failed to communicate effectively and make other team members aware of our ideas. This led us to develop two workable solutions. One group constructed the framework completely using py4web with all the interfaces already connected. On the other hand, the other solution had us develop a database in MySQL, connecting it to c code, and then connecting it to the front end with cgi code. The other group, not knowing how powerful py4web was, decided not to tell the other group that they were going to complete the framework with connected interfaces. In the end, we ended up choosing the better of two solutions. So as a team, one of the actions to stop doing is not communicating with our other team members.

Actions to start doing: As a team, we need to start communicating more effectively with one another. If any of us has any ideas or questions, we should immediately make other members aware right away, so as not to repeat the mistakes from this sprint. Another action we should take immediately, is using a more responsive platform to communicate since using slack wasn't reliable as not everyone had notifications turned on. We ended up making a group chat on our phones that ended up being more effective towards the latter half of our sprint. One other action to start taking is using the Scrum Board during the meetings instead of the Scrum Master updating it after, so other team members can see the progress made as a group. When a task is completed by a member, that member needs to let all other members know that he/she is done with the task.

Actions to keep doing: We've been doing a good job of at least putting 5-10 hours a week in towards this project individually. We should definitely keep up with this trend. As far as what the user stories looked like for the solution the team chose in the end, we would like to continue this trend of getting all the to-do tasks done before the deadline.

Work completed/not completed: All the user-stories were completed on time for Sprint 2. For the other solution we abandoned, the user stories were completed half way through before we chose the better solution. We achieved a 100% completion rate for this sprint.

Work completion rate: Had a total of 3 user stories which all of them were completed. We may have overestimated some of the to-do tasks belonging to the user stories, so in reality we probably did close to 35 work hours combined. Had a total of 14 days to work on sprint 2. Even though Sprint 2 ended on the second of November, we actually completed all of sprint 2 user stories by the first of November, making our actual run a 13 day period. We got about 0.23 user stories completed per day or in other words it took us 4.3 days to complete 1 user story. All of us

combined, worked an average of 2.7 hours a day during this sprint. Below is the burn-up chart for more details.

Burnup Chart

