

Project Phase #3 Report

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State of the Project

As of now, the team has completed the project's 5th iteration and we are working towards finishing the 6th iteration (Nov. 10-16). Throughout the phase, our team had weekly meetings to plan our iteration which is based on our release plan. We have also decided on who should work on which user stories and programming tasks. After we have assigned the tasks, we then created a task board for that iteration which we used to actively keep track of what needs to be completed by the end of the iteration, what is currently being worked on and already completed.

We have successfully implemented several main features to this date. In summary, our system allows the user to log in to their own account. After logging in, they can track/edit their sources and targets which will be saved onto their account in the system. The system's back end will obtain relational data between the sources and targets and store it in the database. The user is able to see basic bar/pie graphs of the relational data obtained. We planned to create more detailed and stronger analytical graphs in the upcoming iterations.

We have revised our release plan as a group because our original release plan was based on 3 major releases and not on iterations. Our new release plan is now based on 8 iterations and indicates which user stories we aim to complete by the end of the iteration. We have also added a legend in the first column of the board to indicate that the defined unit of cost is in weeks. We changed the order of completion of some user stories in the original release plan. In our original plan, we had user stories which requires us to create legends first then create graphs. We switched the order of the user stories, to create graphs first and then create legends for the graphs. In addition, user stories that are low in

priority and easy to do in the original plan was assigned to be completed near the first few iterations of our release plan. Now, we moved all of the user stories that were low in priority (yellow coloured) to the end of our release plan in order to focus on the completing all the main requirements first. We are now following this revised release plan.

Besides iteration planning and weekly team meetings, our team frequently had meetings on the various days of the week and skype calls to talk about the current state of the project. We would also bring up any concerns or problems we would run into and discuss or try to resolve them as a team.

After revisiting our release plan, the team worked together to create an updated and improved Burndown Chart. We also included an estimation of the project velocity to each iteration plan and our burndown chart.

After looking at our updated burndown chart, we noticed that the team is not completing as many user stories as required. The team decided that it was necessary to catch up and get back on track now rather than trying to do everything in our last few iterations. We planned a day to code together with everyone, in the same room for the whole day and all night. The results were great and we had completed many user stories that day.

Iteration Plans and Task Boards

Our team uses a virtual task board on the Trello website.

We have sent an invitation to the email, festrada@utsc.utoronto.ca.

For links to specific sections, please see below:

Release Plan Revised (Different from phase 2 submission)

<https://trello.com/b/ljPtIqbd/release-plan-v2-revised>

Iteration 3 - Oct. 20-26 (Date of first major/system release)

Plan

<https://trello.com/b/4dAKrEvv/iteration-plan-3-oct-20-26-system-release-1>

Task Board

<https://trello.com/b/4Ns4LUpB/iteration-3-task-board-oct-20-26>

Iteration 4 - Oct. 27-Nov. 2

Plan

<https://trello.com/b/P6cADdCX/iteration-plan-4-oct-27-nov-2>

Task Board

<https://trello.com/b/larWhAPQ/iteration-4-task-board-oct-27-nov-2>

Iteration 5 - Nov. 3-9

Plan

<https://trello.com/b/tlfyvCCZ/iteration-plan-5-nov-3-9>

Task Board

<https://trello.com/b/xPeHA410/iteration-5-task-board-nov-3-9>

Iteration 6 - Nov. 10-16 (Date of second major/system release)

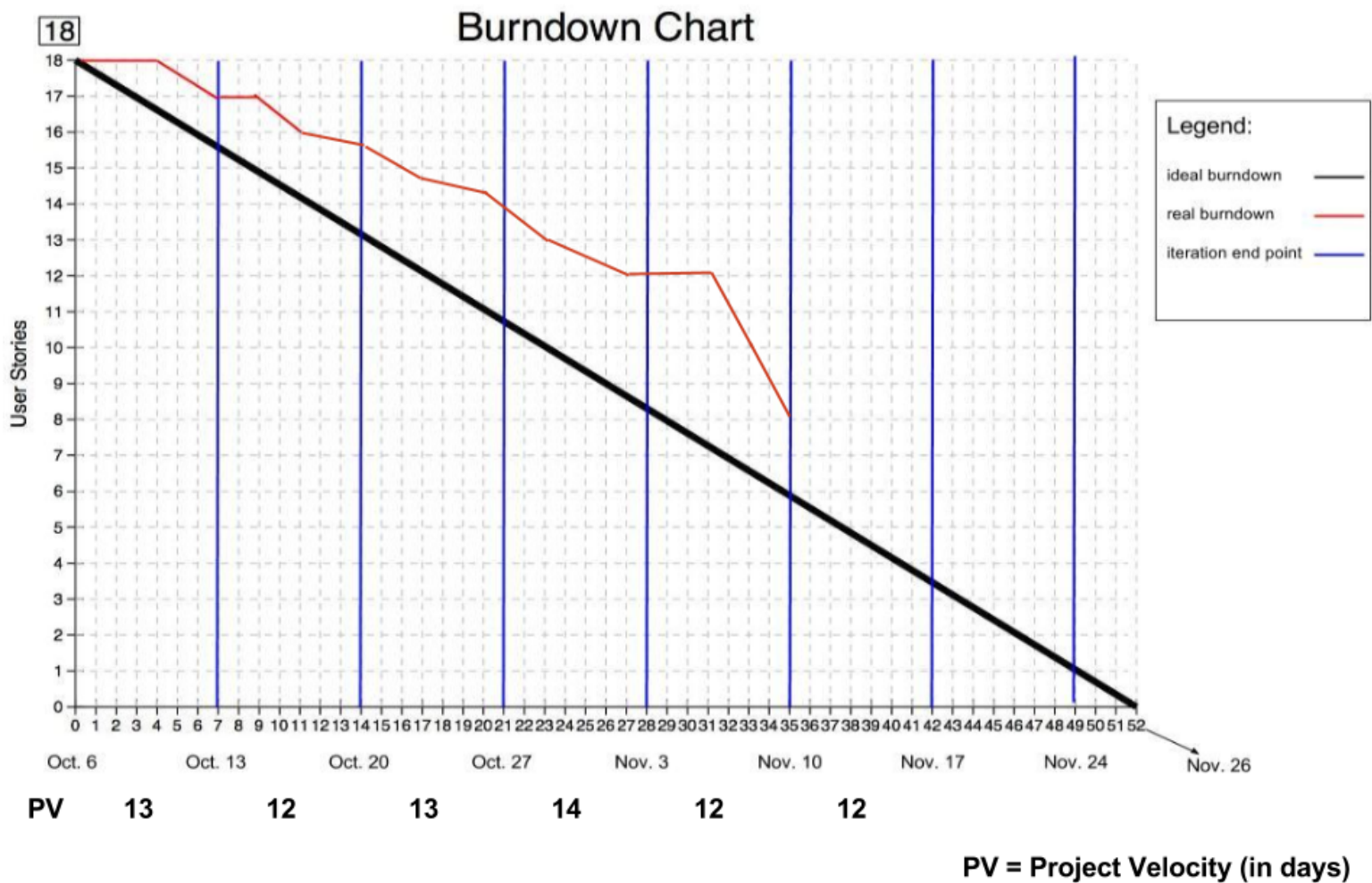
Plan

<https://trello.com/b/mL09JXH7/iteration-plan-6-nov-10-16>

Task Board

<https://trello.com/b/mL09JXH7/iteration-plan-6-nov-10-16-system-release-2>

Burndown Chart



You could see the burndown chart in Trello by following link:
<https://trello.com/c/vKtOgYoo/60-this-is-our-burndown-chart>

Burndown Chart Data Explanation

Note: [xxx] is the user story identifier.

- From Oct.6 to Oct.9, we didn't start the project, so the line is horizontal.
- From Oct.10 to Oct.13, we finished the login and logout [101] and retrieving the author of an article [108].
- From Oct.14 to Oct.15, we didn't do anything.
- From Oct.16 to Oct.18, we finished the retrieving date of the article [111].
- From Oct.16 to Oct.29, we finished the managing list of website sources and targets [103].
- From Oct.20 to Oct.23, we finished the managing list of twitter sources and targets [102] but we didn't connect it to database as the parser didn't work for twitter.
- From Oct.27 to Oct.29, we finished displaying article which was associated with parser [109].
- From Oct.30 to Nov. 1, we finished the bar graph [104].
- From Nov.2 to Nov. 5, we didn't do anything.
- From Nov.6 to Nov.7, we finished making a button for parser [115], and making a legend for graphs [110].
- From Nov.8 to Nov 10, we finished the pie graph [104], and the screenshot [204].