20/20

Sprint 002 Status Report 4/23/2020

Preliminary: Data verification

Before you begin, make sure your project data is complete to-date and correct. Check off the following items:

- [x] In the **Page title** section above, your report is named “Sprint XXX Status Report mm/dd/yyyy ”, where XXX is the sprint number, mm is the month, dd is the date, and yyyy is the year.
- [x] All PBIs (Stories, Defects, Knowledge Acquisitions, and Internal Improvements) and their subtasks are in the correct state (e.g. **Ready**, **Done**, etc).
- [x] All team members have logged time correctly.
- [x] All subtasks that are actively being worked on are in the **In Progress** state, and have time logged to them. Time remaining in subtasks nas been re-estimated and adjusted appropriately.
- [x] All worklogs have been entered correctly (burndown check reveals no odd "spikes" in estimated or logged time).
- [x] All subtasks that are in the **Review Ready, or Done** states have 0 remaining time left.
- [x] No time has been logged to PBIs- only subtasks should have time logged.
- [x] Pull Requests have been issued, reviewed, commented, and approved/rejected.

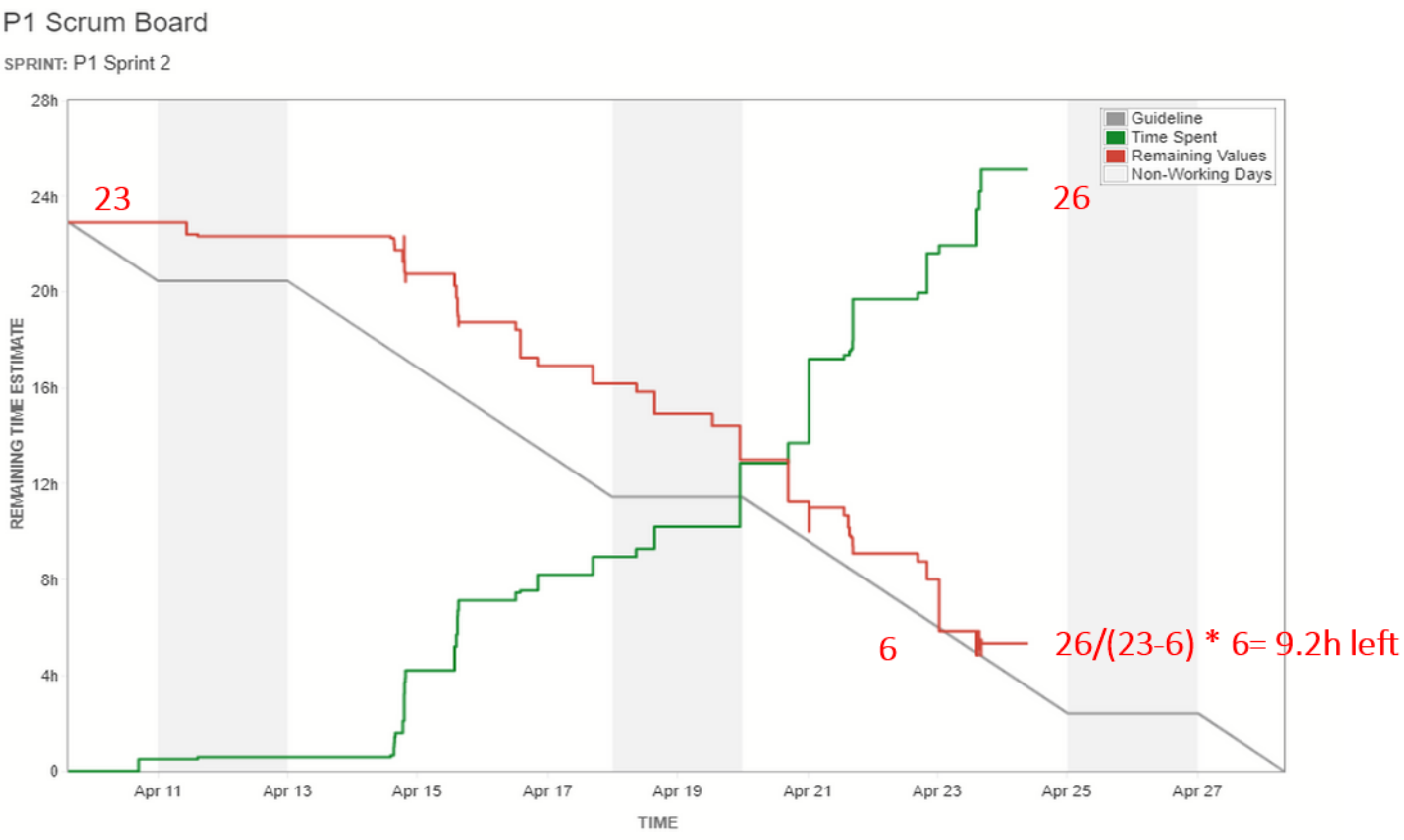
Report Generation

Work logs: Again, first make sure that everyone on the team has logged their time correctly. Click the Worklog Gadget below; in the Edit Dialog that appears, modify the filter to conform to your team's project id (e.g. MHA1).

Assignee	Updated	Time Spent	Original Estimate	Remaining Estimate	Key	Summary	Status
Austin DeMars	Apr 22, 2020 18:50	30 minutes	1 hour	0 minutes	MHP1-77	Create and run JUNIT tests for calculating elevation gain	DONE
Austin DeMars	Apr 22, 2020 18:50	25 minutes	1 hour	0 minutes	MHP1-76	Test 2D plot UI	DONE
Austin DeMars	Apr 22, 2020 18:50	1 hour, 40 minutes	2 hours	0 minutes	MHP1-74	Create/Add to Plotter class which sets display of 2D plot	DONE
Austin DeMars	Apr 23, 2020 16:00	1 hour, 35 minutes	2 hours	0 minutes	MHP1-72	Create methods to calculate elevation gain vs time	DONE
Austin DeMars	Apr 22, 2020 18:50	45 minutes	20 minutes	0 minutes	MHP1-69	Edit/Add any additional items for UML class diagram	DONE
Austin DeMars	Apr 21, 2020 14:52	3 minutes	3 minutes	0 minutes	MHP1-62	Call calculation method after track is loaded	DONE
Austin DeMars	Apr 21, 2020 14:52	10 minutes	5 minutes	0 minutes	MHP1-58	Run the tests to make sure they still work	DONE
Austin DeMars	Apr 21, 2020 14:52	1 hour	30 minutes	0 minutes	MHP1-57	Update and correct tests	DONE
Austin DeMars	Apr 21, 2020 14:52	20 minutes	20 minutes	0 minutes	MHP1-56	Read through the issues	DONE
Austin DeMars	Apr 21, 2020 14:52	15 minutes	15 minutes	0 minutes	MHP1-50	Update UI to label elevations (m and ft)	DONE
Austin DeMars	Apr 21, 2020 14:52	30 minutes	5 minutes	0 minutes	MHP1-49	Calculate and store elevation in feet	DONE
Austin DeMars	Apr 21, 2020 14:52	2 minutes	2 minutes	0 minutes	MHP1-48	Remove UI button for calculating metrics	DONE
Hunter Hess	Apr 22, 2020 21:09	1 hour, 10 minutes	45 minutes	0 minutes	MHP1-78	Update GUI	DONE
Hunter Hess	Apr 23, 2020 15:57	1 hour, 40 minutes	45 minutes	30 minutes	MHP1-75	Create tests	DEVELOPMENT

Hunter Hess	Apr 22, 2020 21:09	35 minutes	45 minutes	0 minutes	MHP1-73	Create a method to allow graphing of tracks with less than 2 points	DONE
Hunter Hess	Apr 22, 2020 21:09	1 hour, 30 minutes	45 minutes	0 minutes	MHP1-71	Add information to plot	DONE
Hunter Hess	Apr 22, 2020 21:09	2 hours, 40 minutes	30 minutes	0 minutes	MHP1-70	Convert Longitude and Latitude to Cartesian points	DONE
Hunter Hess	Apr 21, 2020 14:52	1 hour	15 minutes	0 minutes	MHP1-54	Create and run JUNIT test for feet elevation	DONE
Hunter Hess	Apr 21, 2020 14:52	7 minutes	10 minutes	0 minutes	MHP1-51	Test updated UI	DONE
Paul Rinaldi	Apr 23, 2020 00:37	2 hours, 55 minutes	2 hours	10 minutes	MHP1-59	Research how to show the google map / web google app on top of a javafx pane	DEVELOPMENT
Paul Rinaldi	Apr 23, 2020 00:37	1 hour	1 hour	30 minutes	MHP1-53	Implement an HTTP request to Google API from coordinates	DEVELOPMENT
Paul Rinaldi	Apr 21, 2020 00:34	35 minutes	1 hour	0 minutes	MHP1-52	Create a button for switching between Google Maps Satellite view GoogleMaps maps view and nonGoogleMaps view	REVIEW READY
Rhyo Balisnomo	Apr 23, 2020 15:55	1 hour, 30 minutes	1 hour	0 minutes	MHP1-79	Map out the speeds in a path	REVIEW READY
Rhyo Balisnomo	Apr 22, 2020 21:09	1 hour	30 minutes	0 minutes	MHP1-68	Figure out what to use to plot the graph	DONE
Rhyo Balisnomo	Apr 16, 2020 20:28	40 minutes	30 minutes	0 minutes	MHP1-63	Figure out how the Graph display works	REVIEW READY
Rhyo Balisnomo	Apr 23, 2020 14:42	1 hour, 30 minutes	40 minutes	1 hour	MHP1-60	Create method to color each specific line to match the speed	DEVELOPMENT

26 issues



Individual Status

Review your status report from the previous week. In the Discussion section of the report, each team member is to indicate:

1. What you worked on since the last Status Report and what progress was made - or not. List the tasks you **worked on,** and the tasks you have **completed** (in **Review Ready** or **Done**), and **Pull Requests** you have issued.
    a. Hunter Hess - I worked on PBI MHP1-11 graphically view a 2D Plot of tracks loaded, I completed this PBI and the following subtasks from this PBI: Convert longitude and Latitude to Cartesian, Add information to the plot, Create a method to allow the graphing of tracks with less than two points, create tests, and update GUI. I also issued a pull request for this PBI.
    b. Rhyo Balisnomo - Worked on PBI MHP1-08 View 2D graph of points (speed along path), by focusing on the implementation of line color for the line graph based upon a specified speed between two points.
    c. Austin DeMars - Worked on PBI MHP1-4 Elevation Gain vs Time. Edited Plotter class and PlotterController. Created methods to calculate graph values and update UI based on which graphing type is selected. Wrote tests that tested elevation gain calculation and time passed calculation. All MHP1-4 subtasks were done by me; they are currently sitting in "done" and MHP1-4 is waiting for validation. I issued a pull request for PBI MHP1-4 and everyone on the team reviewed it.
    d. Paul Rinaldi - I worked on PBI 1-14 by Revising a mockup, Selecting a google maps api, Started the test code for api handler, Implementing the mockup in javafx, and Started implementing javafx google maps view for the static api only to realize after more research that the embedded api will make further subtasks easier and less complex to implement.
2. What problems may have come up that hindered your progress, and what actions need to be taken to resolve them (**if you are having problems that are blocking you, add them to the table below**).
    a. None
3. What you will be working on in the coming week. **List the tasks you intend to complete, and assign them to yourself.**
    a. Hunter Hess - I will help Paul and Rhyo with completing PBI's MHP1-14 and MHP1-8.
    b. Rhyo Balisnomo - Finish work on PBI MHP1-08, specifically calculating speed per point and setting color per graph line.
    c. Austin DeMars - I will also swarm to Rhyo and Paul to help them complete PBI's MHP1-14 and MHP1-8
    d. Paul Rinaldi - I will work on PBI 1-14, creating the structure needed to pass work off to other team members so we can finish PBI 1-14 together.

Action required

Issue	Reporter	Action/Resolution

Trajectory/Forecast

As a team, examine your logged hours, burndown chart and agile board.

- List which PBIs are complete from the Development Team's perspective (that is, those Waiting for Validation).
    - PBI's completed this week and Waiting for Validation: MHP1-11, MHP1-4
- Discuss your present status with respect to how much work your agile board and burndown chart indicates you have to go before the end of sprint. Compare this with respect to how many hours you have logged thus far - are they balanced, or have you overestimated or underestimated?
    - According to the burndown chart, overall we underestimated the time it would take us to complete these subtasks and PBI's.
- **List what action(s) you will take to complete the work by the end of the sprint.**
    - Swarm the two remaining PBIs (Hunter and Austin)
    - Put in sometime on the weekend to make sure we are on schedule.
    - Work diligently to ensure PBIs are completed on time

see above; looks like you have about 9.2hrs of work left. That's >1/3 of the original estimate, which is ok.