Sprint 003 Status Report 05/14/2020

Preliminary: Data verification

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

- ☑ 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.
- ☑ All PBIs (Stories, Defects, Knowledge Acquisitions, and Internal Improvements) and their subtasks are in the correct state (e.g. **Ready**, **Done**, etc).
- ☑ All team members have logged time correctly.
- ☑ 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.
- ☑ All worklogs have been entered correctly (burndown check reveals no odd "spikes" in estimated or logged time).
- ☑ All subtasks that are in the **Review Ready, or Done** states have 0 remaining time left.
- ☑ No time has been logged to PBIs- only subtasks should have time logged.
- ☑ 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	May 04, 2020 13:55	15 minutes	15 minutes	0 minutes	MHP1-126	Test updated UI	DONE
Austin DeMars	May 17, 2020 20:41	1 hour	1 hour, 30 minutes	0 minutes	MHP1-115	Create tests for Calories Expended	DONE
Austin DeMars	May 04, 2020 13:55	20 minutes	30 minutes	0 minutes	MHP1-114	Rephrase buttons as per PO's comments	DONE
Austin DeMars	May 04, 2020 13:55	5 minutes	20 minutes	0 minutes	MHP1-113	Remove undeeded buttons	DONE
Austin DeMars	May 17, 2020 20:41	20 minutes	1 hour	0 minutes	MHP1-111	Create method to add the data to the graph	DONE
Austin DeMars	May 01, 2020 15:16	15 minutes	20 minutes	0 minutes	MHP1-106	Test Plot UI to make sure plots appear correctly with km	DONE
Austin DeMars	May 07, 2020 15:30	20 minutes	15 minutes	0 minutes	MHP1-104	Change all current plotting methods to use km	DONE
Austin DeMars	May 17, 2020 20:41	10 minutes	45 minutes	0 minutes	MHP1-103	Update UI	DONE
Austin DeMars	May 17, 2020 20:41	40 minutes	1 hour	0 minutes	MHP1-102	Create a function to calculate the calories burned over a distance	DONE
Austin DeMars	May 12, 2020 15:49	30 minutes	30 minutes	0 minutes	MHP1-101	Test 2D plot UI	DONE
Austin DeMars	May 14, 2020 16:31	45 minutes	20 minutes	0 minutes	MHP1-100	Update plotter UI and controller to allow plotting elevation vs time	DONE
Austin DeMars	May 12, 2020 15:49	20 minutes	1 hour	0 minutes	MHP1-99	Create methods in Plotter class to plot Elevation vs Time	DONE
Austin DeMars	May 10, 2020 20:18	30 minutes	30 minutes	0 minutes	MHP1-98	Test 2D plot UI	DONE
Austin DeMars	May 10, 2020 20:18	45 minutes	1 hour	0 minutes	MHP1-96	Update plotter UI and controller to allow plotting distance vs time	DONE

Austin DeMars	May 10, 2020 20:18	35 minutes	1 hour	0 minutes	MHP1-94	Create methods in Plotter class to plot Distance vs Time	DONE
Austin DeMars	Apr 30, 2020 19:50	35 minutes	1 hour	0 minutes	MHP1-77	Create and run JUNIT tests for calculating elevation gain	DONE
Austin DeMars	Apr 30, 2020 19:50	35 minutes	1 hour	0 minutes	MHP1-76	Test 2D plot UI	DONE
Austin DeMars	Apr 30, 2020 19:50	1 hour, 45 minutes	2 hours	0 minutes	MHP1-72	Create methods to calculate elevation gain vs time	DONE
Hunter Hess	May 17, 2020 22:58	15 minutes	20 minutes	0 minutes	MHP1-125	Create a UI mockup	REVIEW READY
Hunter Hess	May 17, 2020 23:20	20 minutes	1 hour	20 minutes	MHP1-118	Update UI	DEVELOPMENT
Hunter Hess	May 17, 2020 23:21	5 minutes	30 minutes	15 minutes	MHP1-117	create a method that adds the speeds to the table.	DEVELOPMENT
Hunter Hess	May 11, 2020 22:39	3 hours, 20 minutes	30 minutes	0 minutes	MHP1-107	Make the chart scale both axis equally	DONE
Hunter Hess	May 05, 2020 15:46	1 hour, 30 minutes	1 hour	0 minutes	MHP1-97	Make the chart series not auto sort	DONE
Hunter Hess	May 17, 2020 22:45	5 minutes	1 hour	0 minutes	MHP1-89	Create and run JUNIT tests for calculating speed vs time	REVIEW READY
Hunter Hess	May 17, 2020 22:45	1 hour, 20 minutes	30 minutes	0 minutes	MHP1-88	Test 2D plot UI	REVIEW READY
Hunter Hess	May 10, 2020 20:04	30 minutes	1 hour	0 minutes	MHP1-87	Update plotter UI and controller to allow plotting speed vs time	REVIEW READY
Hunter Hess	May 12, 2020 15:14	35 minutes	1 hour	0 minutes	MHP1-86	Create methods in Plotter class to plot Speed vs Time	REVIEW READY
Hunter Hess	May 05, 2020 15:46	2 hours, 30 minutes	45 minutes	0 minutes	MHP1-75	Create tests	DONE
Paul Rinaldi	May 18, 2020 11:32	2 hours, 5 minutes	30 minutes	0 minutes	MHP1-92	Test 2D plot UI	REVIEW READY
Paul Rinaldi	May 12, 2020 17:53	45 minutes	1 hour	0 minutes	MHP1-91	Update plotter UI and controller to allow plotting speed vs distance	REVIEW READY
Paul Rinaldi	May 18, 2020 10:18	2 hours, 40 minutes	1 hour	0 minutes	MHP1-90	Create methods in Plotter class to plot Speed vs Distance	REVIEW READY
Rhyo Balisnomo	May 17, 2020 20:19	1 hour, 30 minutes	2 hours	0 minutes	MHP1-112	Create and apply JUnit Tests	REVIEW READY
Rhyo Balisnomo	May 04, 2020 13:55	5 minutes	15 minutes	0 minutes	MHP1-109	Test plot UI so lines appear correctly without dots	DONE
Rhyo Balisnomo	May 12, 2020 15:59	1 hour, 30 minutes	1 hour	0 minutes	MHP1-108	Modify SpeedAlongPath method to work with grades	REVIEW READY
Rhyo Balisnomo	May 14, 2020 16:07	1 hour	1 hour	0 minutes	MHP1-105	Calculate the grade between two points	REVIEW READY
Rhyo Balisnomo	May 04, 2020 13:55	15 minutes	5 minutes	0 minutes	MHP1-95	Disable points on load and change methods that re-enable points	DONE

36 issues

Burndown chart: Again, check to make sure that all subtasks in the **Done** state have a remaining time of 0 (otherwise, your Hour Burndown Chart will not be accurate). Be sure that remaining time estimates have been accurately updated.

In the previous Sprint, you used the Sprint Burndown Gadget; however, JIRA does not export the image produced to a PDF file, so you'll be using a different approach in sprint 3: View your team's burndown by selecting Burndown Chart (for Sprint 3) from the Reports page of Jira.
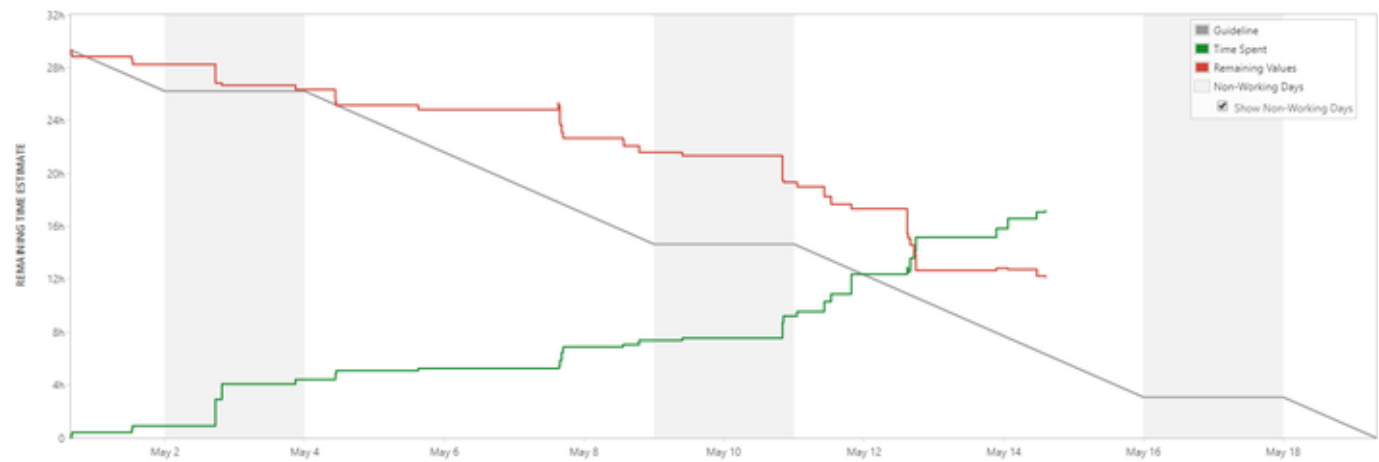
Individual Status

Review your status report from the previous week (if applicable). In this section of the report, each team member is to indicate:

1. What you worked on since the last Status Report (or the beginning of the Sprint, if this is your first 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 - I worked on finalizing the fixes for Defects in MHP1-11 Graphically Display GPS Files, I also started working on PBI MHP1-5 Plot Speed vs Time
   b. Rhyo- Work on MHP1-15: Finished work on the method to generate the grade graph, as well as almost finished the work on the method to calculate grade between two points.
   c. Austin - Worked on plotting distance vs time and elevation vs time. Worked on all tasks in MHP1-13 and MHP1-16. MHP1-13 is DONE and MHP1-16 is Review Ready. I issued pull requests for both these PBIs
   d. Paul - Worked on plotting speed vs distance creating test files and implementing graphing. Worked on all but one subtask of MHP1-9. MHP1-9 will be Review Ready soon.
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. N/A
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 - I intend to complete the PBI MHP1-5 Plot Speed vs Time and MHP and MHP1-20 Display table with distance traveled at speeds
   b. Rhyo - I intend to finish up the method to calculate grade, create the test files for grade, and help with the other's work as needed.
   c. Austin - I plan to work on MHP1-6 (calories expended vs time plot). Also help any other team members if help is needed
   d. Paul - I will finish MHP1-9 and then contribute to MHP1-6. I will also investigate to ensure that speeds are calculated correctly for plotting with Hunter.
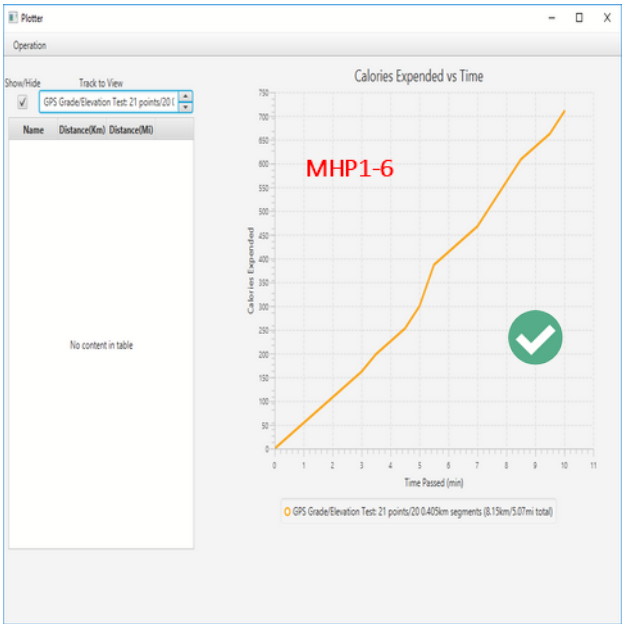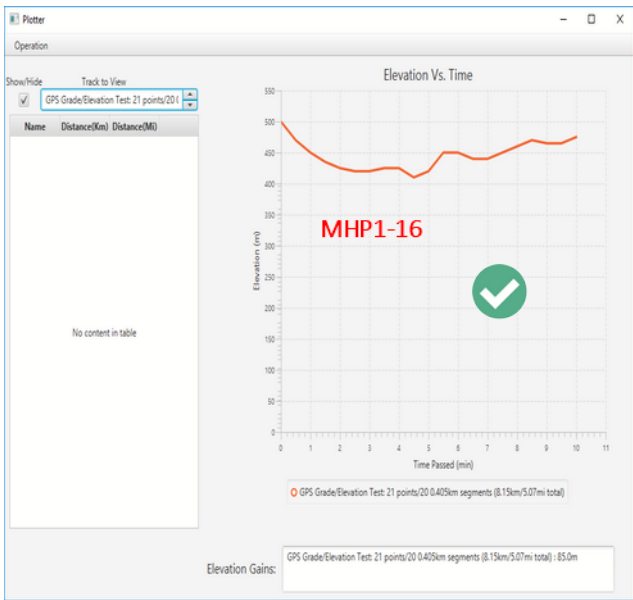
Action required

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).
  - MHP1-16
- 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?

- Our work left is behind what it should be at this point in the chart. Our time logged is only slightly more than the amount of work completed, about 18 hours logged, and about 16 hours of work completed.
  - **List what action(s) you will take to complete the work by the end of the sprint.**
    - We will all log time every day, including the weekends, to ensure all remaining PBI's get finished by the end of the sprint.

5/19 prevalidation

why not separate screen?

Speed Vs. Time

MHP1-5

❌

total time is 330m; speed starts at 0

Speed Vs Distance

Name	Distance(Km)	Distance(Mi)
GPS Speed ...	72.84	45.26

Distance Units:
- Kilometers
- Miles

MHP1-9

✅

O GPS Speed Test: 10 points. 45.3mi/72.9km

Grade of Plot

Name	Distance(Km)	Distance(Mi)
GPS Grade/...	8.1	5.03

✅

MHP1-15

⚠️ unresponsive for large files

Dark Blue = < -5%   Light Blue = Between -5% & -1%   Green = Between -1% & 1%
Yellow = Between 1% & 3%   Orange = Between 3% & 5%   Red = Over 5%