

Sprint 3 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 has 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).

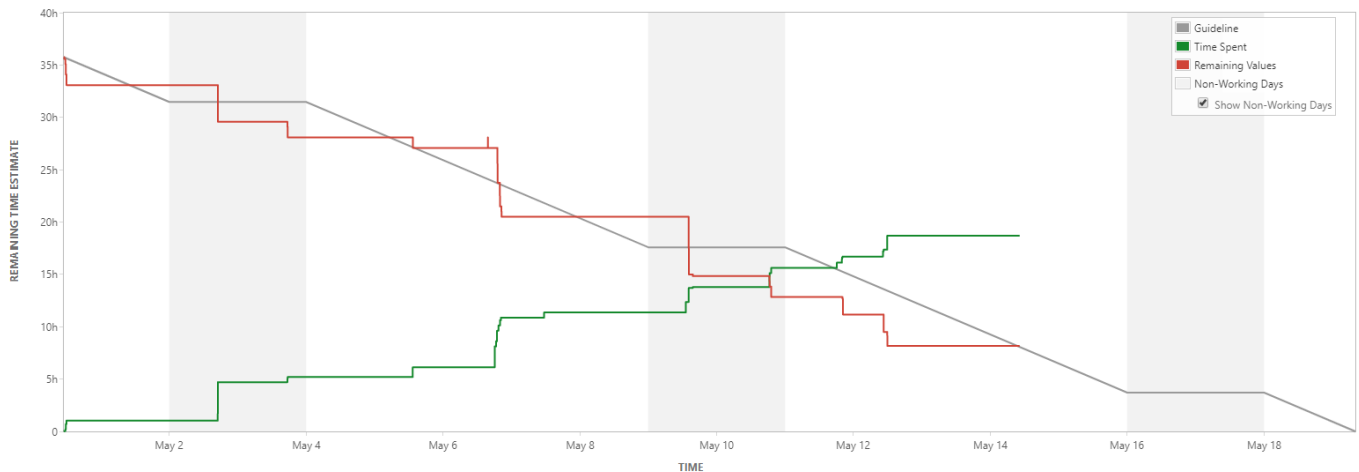
Assignee	Updated	Time Spent	Original Estimate	Remaining Estimate	Key	Summary	Status
Matt Haas	May 07, 2020 10:15	2 hours	1 hour	0 minutes	MHA5-131	Re center tracks on map when tracks are selected/deselected	DONE
Matt Haas	May 07, 2020 10:15	2 hours, 55 minutes	1 hour, 30 minutes	0 minutes	MHA5-123	Center track on screen	DONE
Matt Haas	May 07, 2020 10:15	1 hour	2 hours	0 minutes	MHA5-122	Add axis marker units	DONE
Matt Haas	May 07, 2020 10:15	40 minutes	1 hour	0 minutes	MHA5-121	Add axis labels	DONE
Matt Haas	May 17, 2020 11:24	20 minutes	1 hour, 30 minutes	0 minutes	MHA5-91	Create test file for speed	REVIEW READY
Matt Haas	May 17, 2020 11:24	1 hour	2 hours	0 minutes	MHA5-90	Create color override in 2D plotter to assign appropriate color	REVIEW READY
Matt Haas	May 17, 2020 11:24	1 hour, 30 minutes	1 hour, 30 minutes	0 minutes	MHA5-89	Create input dialog for entering value	REVIEW READY
Matt Haas	May 13, 2020 16:59	20 minutes	1 hour	0 minutes	MHA5-88	Create a test file showing different grades	DONE
Matt Haas	May 13, 2020 16:58	1 hour	2 hours	0 minutes	MHA5-87	Change functionality in plotter to choose array color instead of track color.	DONE
Matt Haas	May 13, 2020 16:58	1 hour	2 hours, 30 minutes	0 minutes	MHA5-86	Modify CanvasLayer to add track color for different grades	DONE
Noah Ernst	May 07, 2020 10:15	30 minutes	15 minutes	0 minutes	MHA5-124	Make points smaller	DONE
Noah Ernst	May 12, 2020 10:46	15 minutes	1 hour	0 minutes	MHA5-99	Test/Debug	DONE
Noah Ernst	May 12, 2020 10:46	15 minutes	30 minutes	0 minutes	MHA5-98	Create tests/desired output files	DONE
Noah Ernst	May 12, 2020 10:46	20 minutes	1 hour	0 minutes	MHA5-97	Plot each point for speed v time graph	DONE

Noah Ernst	May 12, 2020 10:46	5 minutes	30 minutes	0 minutes	MHA5-96	Switch Graph to Speed vs. Time when button is pressed	DONE
Noah Ernst	May 12, 2020 10:46	10 minutes	10 minutes	0 minutes	MHA5-95	Create Button to graph speed vs. time	DONE
Noah Ernst	May 07, 2020 10:16	15 minutes	30 minutes	0 minutes	MHA5-81	Create Tests/desired output files	DONE
Noah Ernst	May 07, 2020 10:16	1 hour	1 hour	0 minutes	MHA5-79	Plot each point for elevation gain graph	DONE
Noah Ernst	May 07, 2020 10:15	30 minutes	30 minutes	0 minutes	MHA5-75	Create tests/desired output files	DONE
Noah Ernst	May 07, 2020 10:15	1 hour	1 hour	0 minutes	MHA5-73	Test/Debug	DONE
Noah Ernst	May 11, 2020 18:40	2 hours	1 hour	0 minutes	MHA5-72	Plot each point on elevation v time graph	DONE
Noah Ernst	May 07, 2020 10:15	30 minutes	30 minutes	0 minutes	MHA5-71	Change graph to elevation v time graph when button is pushed	DONE
Stuart Harley	May 13, 2020 16:56	1 hour	1 hour	0 minutes	MHA5-130	Test/Debug	DONE
Stuart Harley	May 13, 2020 16:56	30 minutes	30 minutes	0 minutes	MHA5-129	Create tests/desired output files	DONE
Stuart Harley	May 13, 2020 16:56	30 minutes	1 hour	0 minutes	MHA5-128	Plot each point for calories v time graph	DONE
Stuart Harley	May 13, 2020 16:56	1 hour	30 minutes	0 minutes	MHA5-127	Create Calorie Algorithm to calculate calories between 2 points	DONE
Stuart Harley	May 13, 2020 16:56	20 minutes	30 minutes	0 minutes	MHA5-126	Switch Graph to Calories v Time when button is pushed	DONE
Stuart Harley	May 13, 2020 16:56	5 minutes	10 minutes	0 minutes	MHA5-125	Add button to Graph GUI to select calories v time graph	DONE
Stuart Harley	May 07, 2020 10:12	10 minutes	1 hour	0 minutes	MHA5-115	Test/Debug	DONE
Stuart Harley	May 07, 2020 10:12	20 minutes	30 minutes	0 minutes	MHA5-114	Create tests/desired output files	DONE
Stuart Harley	May 07, 2020 10:12	20 minutes	1 hour	0 minutes	MHA5-113	Update controller to display times vs grades data	DONE
Stuart Harley	May 07, 2020 10:12	10 minutes	30 minutes	0 minutes	MHA5-112	Create Algorithm to calculate grade between 2 points	DONE
Stuart Harley	May 07, 2020 10:12	30 minutes	1 hour	0 minutes	MHA5-111	Create TableTimesAtGradesHandler class	DONE
Stuart Harley	May 07, 2020 10:12	2 minutes	10 minutes	0 minutes	MHA5-110	Add menu item to Table menu to display times at grades	DONE
Stuart Harley	May 14, 2020 15:29	10 minutes	1 hour	0 minutes	MHA5-104	Test/Debug	DONE
Stuart Harley	May 14, 2020 15:29	5 minutes	30 minutes	0 minutes	MHA5-103	Create tests/desired output files	DONE
Stuart Harley	May 14, 2020 15:29	1 hour	1 hour	0 minutes	MHA5-102	Plot each point for speed v distance graph	DONE
Stuart Harley	May 14, 2020 15:29	10 minutes	30 minutes	0 minutes	MHA5-101	Switch Graph to Speed vs. Distance when button is pressed	DONE
Stuart Harley	May 14, 2020 15:29	5 minutes	10 minutes	0 minutes	MHA5-100	Create button to graph speed vs. distance	DONE
Unassigned	May 14, 2020 11:06	10 minutes	10 minutes	0 minutes	MHA5-132	Fix Integer Addition in Calories Function	DONE

40 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. Use the built-in Windows 10 Snipping Tool - if you never used it, it's available from the Start Menu - just start typing "Snipping Tool" and it should appear. It's use is intuitive. Snip the image of your burndown and paste it below as a full-size image. NOTE: Make sure the burndown image you contains the correct team/sprint name at the upper left (Sprint 3), and that the x and y axes are fully visible.



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. Matt worked on **MHA5-20 - 14. View 2D tracks with colors indicating grade** **DONE** for making a map indicating color grades for a track. This task was validated by the product owner and merged into dev.

b. Noah worked fixing **MHA5-10 - 5. Implement elevation plot of loaded data** **DONE**, and also worked on and completed

MHA5-14 - 11. Speed vs time plot **DONE**, and made pull requests for each. Both have been validated by the owner.

c. Stuart completed **MHA5-16 - 7. Show calories expended graphically as a function of time** **WAITING FOR VALIDATION**, issued a pull request, and merged into dev. When undergoing validation a bug dealing with integer addition was found so it was put back into development.

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. Our team has hit its stride. Our only struggles seem to be matching our product owners own test validation.

3. What you will be working on in the coming week. List the tasks you intend to complete, and assign them to yourself.

a. Matt will be working

MHA5-11 - 18. Graphically View Tracks with Instantaneous Speed Exceeding a Value **WAITING FOR VALIDATION**

for

making a map that marks a tracks speed based on user input.

b. Stuart will fix the calories formula for

MHA5-16 - 7. Show calories expended graphically as a function of time

WAITING FOR VALIDATION

MHA5-17 - 12. Speed vs Distance plot

DEVELOPMENT

and complete

c. Noah will help Stuart with **MHA5-17** - 12. Speed vs Distance plot **DEVELOPMENT** if needed.

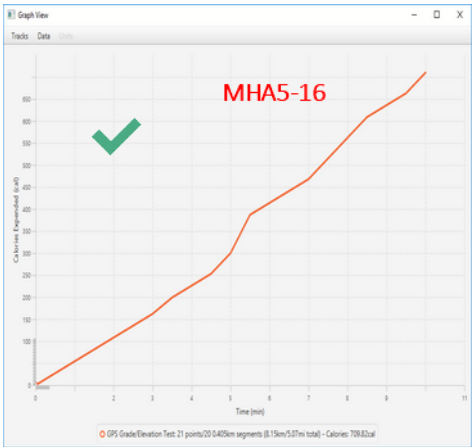
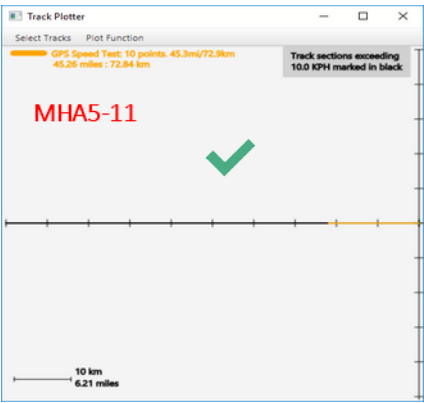
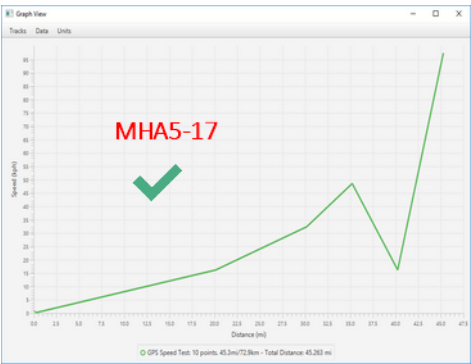
Action required

Issue	Reporter	Action/Resolution

Trajectory/Forecast

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

- List which PBI's are complete from the Development Team's perspective (that is, those Waiting for Validation).
 - MHA5-20** - 14. View 2D tracks with colors indicating grade
 - DONE**
 - MHA5-10** - 5. Implement elevation plot of loaded data
 - DONE**
 - MHA5-14** - 11. Speed vs time plot
 - DONE**
 - MHA5-16** - 7. Show calories expended graphically as a function of time
 - WAITING FOR VALIDATION**
- 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?
 - We have completed 7 of the 9 PBI's on our backlog for this sprint so far. We are far more on track this sprint than last. It seems we measured how much we could handle better than we did last sprint.
 - We are on track with the recommended timeline on the burndown chart. We have logged about 20 hrs of work so far this sprint for about 25 hrs. Due to the struggles we went through last sprint, it seems we overestimated how long it would take us to do some of the tasks for this sprint. We are accomplishing these task faster than we estimated for. This is also due to the fact that we spent considerable time last sprint making our code be able to easily add new similar plots/graphs/tables.
- List what action(s) you will take to complete the work by the end of the sprint.
 - We will continue to work on our tasks at the pace we have been. We collectively don't have any doubts we will complete our tasks before the end of the sprint.



This completes the remaining PBI's!