



RIDERTRACK

Sprint 7 Report

Version: 1.0.0

22nd December 2017- 5th January 2018

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Revision History

Date	Version	Description	Responsible
22/12/2017	0.1	Sprint planning	Mariano Etchart
from 22/12/2017 to 5/1/2018	0.x	Daily updates from team's members	Team
5/1/2018	1.0	Sprint review and retrospective	Mariano Etchart

1. Sprint planning

1.1 Product backlog

Refer to PB v1.6 for the product backlog version before the sprint 7 planning.

1.2 Sprint backlog

The live sprint backlog is accessible at this link: [Sprint 7 backlog](#).

The initial sprint backlog is accessible in this link: [Sprint 7 backlog v1.0](#).

1.3 Team members availability

The team has filled a doodle in order to understand the general availability during the Christmas period. Details can be found in the PDF “Christmas availability doodle”.

<i>Member</i>	<i>Estimated hours</i>
Alessandro	35
Giulia	35
Marzia	35
Mariano	25
Ante	15
Ivan	30
Josip	32

1.4 Sprint goals

High level goals for the sprint:

- Fix bugs from previous sprints
- Improve the event management and participants’ enrollment adding the possibility to select the device
- Integrate data from Spot gen 3
- Finish the application
- Fix the ranking algorithm
- Start testing everything with “real” users

1.5 Sprint planning MOM

Due to the incoming Christmas holiday, team members had difficulties in finding a common time slot for a real meeting.

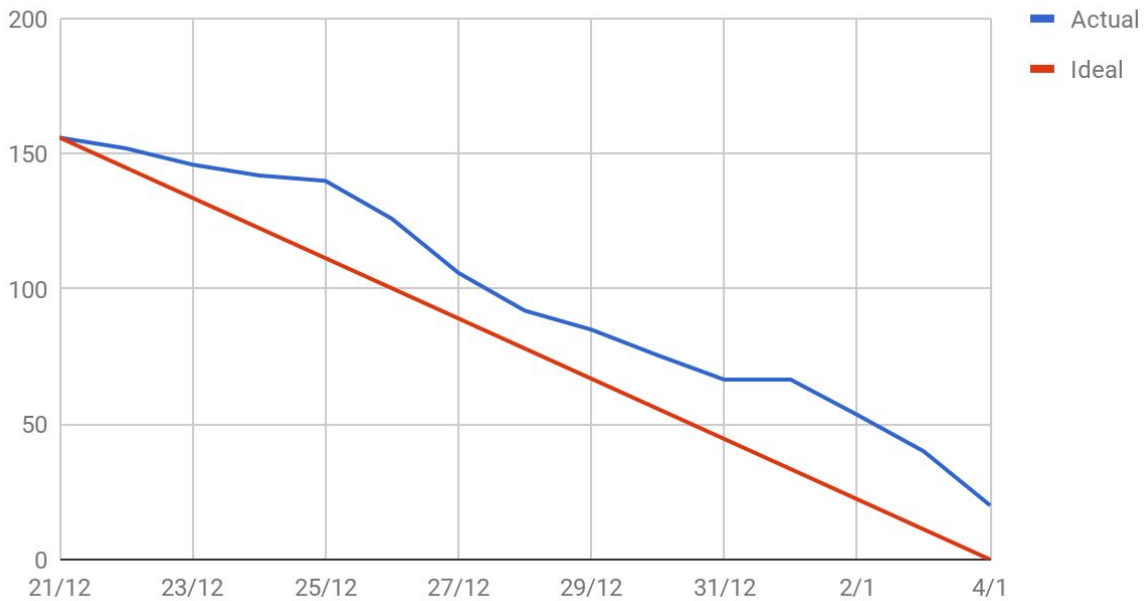
The planning has been done through Slack.

2. Sprint execution

2.1 Sprint burndown chart

The live burndown chart is accessible at this link: [Sprint 7 burndown chart](#).

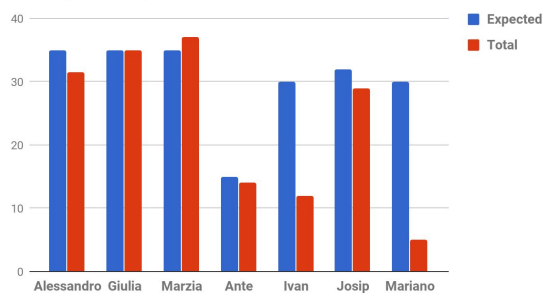
Sprint 7 burn down chart



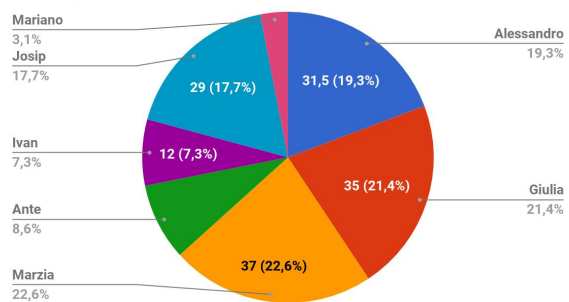
2.2 Working hours

Working hours updated on daily base are accessible at this link: [Working hours](#).

Working hours sprint #7



Working hours sprint #7



2.3 Summary of work done

Alessandro	Total hours: 31.5
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- Created first version of consumer to fetch data from Spot gen 3 API
- Fixed algorithm for ranking done by Mariano
- Fixed and tested the selection of participant in progress page done by Marzia
- Improved the enrollment logic using the external devices
- Changed the how it works page in order to make it more useful
- Fixed search bar using new Google maps city autocomplete done by Marzia
- Fixed all the documents and started writing final documents

Giulia	Total hours: 35
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- Don't ask to login everytime the user opens the app
- Implemented logout
- Implemented receiving of data about distance to finish line and showing them
- Implemented starting tracking when an event is ongoing
- Implemented facebook sharing
- Implemented stopping tracking

Marzia	Total hours: 37
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- Fixed share buttons in event detail page
- Added possibility to select a tracking device during enrollment
- Added auto-completion for city during the creation and management of an event
- Fixed participant selection during the tracking
- Add map polylines for the creation of a route
- Connected "Modify profile" with the backend
- Added calculation of length from the creation of the route
- Integrated leaderboard to show the ranking
- Fixed the sharing in the event detail page
- Done system admin page for editing events integrating the CRUD operation for the administrator to the path "/admin/events"
- Done system admin page for editing users, integrating CRUD operations on users with a little issue that I will solve, at "/admin/users"

Mariano	Total hours: 5
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- Created and updated Scrum documentation

- Reviewed new ranking algo

<i>Ante</i>	<i>Total hours: 14</i>
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- Added system admin page for editing users
- Added system admin page for editing events

<i>Ivan</i>	<i>Total hours: 12</i>
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- Added enrollment check for event creation
- Fixing and testing leaderboard of event

<i>Josip</i>	<i>Total hours: 29</i>
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- Writing acceptance test plan
- Resolving errors in swagger syntax
- Configured swagger to make it visible
- Made API endpoints for administrator to use
- Added Swagger documentation for admin endpoints
- Worked on editing logo and other info in event and user creation
- Added starting time as mandatory field in event creation

3. Sprint analysis

3.1 Sprint Figures and Performance

Data available in the [Sprint Backlog](#) (refer to same folder) covers information in the Tasks Planned, Burn Down Chart and Working Hours tabs of the spreadsheet. This includes:

- Work hours invested per backlog item for the current sprint
- Work hours invested per team member for the current sprint
- Estimate of total work hours needed to complete tasks in the initial sprint backlog and the actual number of work hours invested during the sprint (at the team level)
- Estimated velocity at the beginning and real sprint velocity at the end of the sprint

Back Log Analysis

Tasks Incomplete	Percentage Complete	Notes
Create page with table of users for system admin	70%	fix the usage of user.id for integrating it with backend and test it
Create page with table of events for system admin	90%	fix template errors in input forms and test it
Improve How it works page	40%	add screenshots, once that all the website is completed
Order the list of my events by descending date adding a query string in the api call	0%	
Don't show edit button for event that has passed or are ongoing	0%	
Restyle event manage page	0%	

All incomplete and unstarted tasks were moved over to the next Sprint with some alterations to the names for a more specific break down of the task.

3.2 Sprint review

Generally the team felt this sprint was successful. We were above the estimated hours for this Sprint although did not complete all tasks. 3 tasks were **unstarted**, 3 were in **progress** and were 35 **completed**. In terms of the Done definition only - tasks were **done**, those that were not, were considered low priority and not documented or tested properly, yet still implemented. Overall 156 hours were estimated and 136 hours were recorded as work done. There is a small discrepancy and well estimated. The team made the key decision to work during the Christmas holidays and the availability can be found in the encompassing folder.

3.3 Sprint retrospective

1) What Went Well? (what we should continue to do)

- Implemented well despite holiday period
- Better use of Asana (more descriptive comments and proactive use)

2) What could have been better? (what we should stop doing)

- Coordination of time to work together (during Christmas it was difficult to find common time)

3) Things to try? (what we should start doing)

- None

4) Issues to escalate

- None

3.4 Sprint review and retrospective MOM

A record of the sprint review and retrospective is accessible at