



# RIDERTRACK

## *Sprint 8 Report*

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Version: 1.0.0

5th January 2018- 19th January 2018

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## Revision History

| <b>Date</b>                | <b>Version</b> | <b>Description</b>                | <b>Responsible</b> |
|----------------------------|----------------|-----------------------------------|--------------------|
| 5/1/2018                   | 0.1            | Sprint planning                   | Mariano Etchart    |
| from 5/1/2018 to 18/1/2018 | 0.x            | Daily updates from team's members | Team               |
| 19/1/2018                  | 1.0            | Sprint review and retrospective   | Mariano Etchart    |

# 1. Sprint planning

## 1.1 Product backlog

Refer to PB v1.7 for the product backlog version before the sprint 8 planning.

## 1.2 Sprint backlog

The final sprint backlog is accessible in the encompassing folder as Sprint 8 Backlog V2.0

The initial sprint backlog is accessible in the encompassing folder as Sprint 8 Backlog V1.0

## 1.3 Team members availability

| <i>Member</i> | <i>Estimated hours</i> |
|---------------|------------------------|
| Alessandro    | 45                     |
| Giulia        | 40                     |
| Marzia        | 35                     |
| Mariano       | 50                     |
| Ante          | 42                     |
| Ivan          | 25                     |
| Josip         | 40                     |

## 1.4 Sprint goals

High level goals for the sprint:

- Fix bugs
- Finish system admin pages
- Testing mobile app and spot gen integration with real users
- Update and finish documentation

## 1.5 Sprint planning MOM

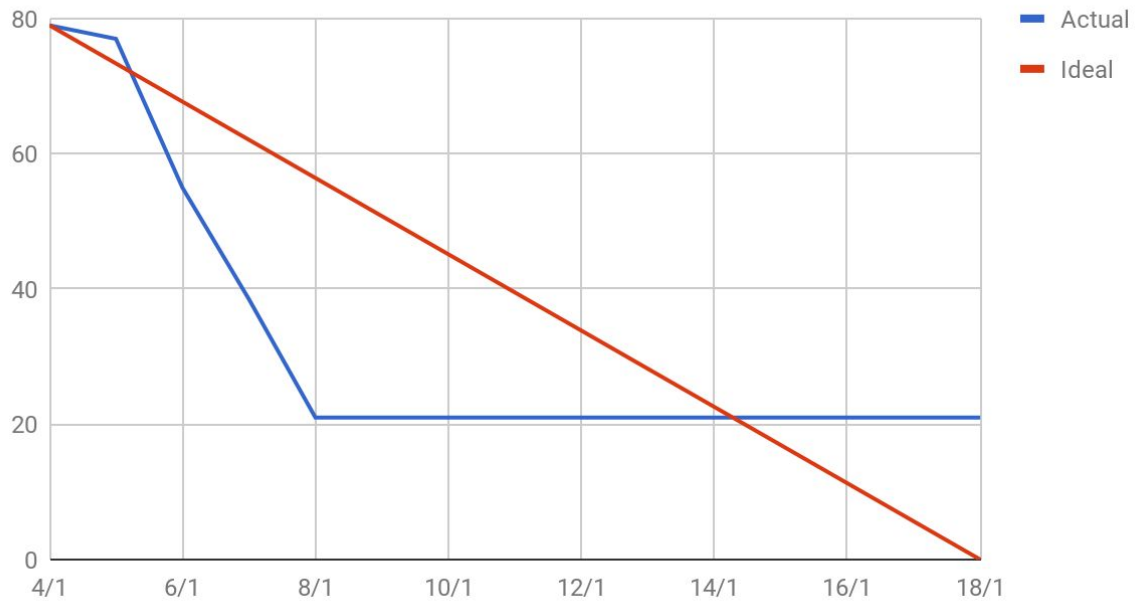
Refer to MOM 18.

## 2. Sprint execution

### 2.1 Sprint burndown chart

The live burndown chart is accessible at this link: [Sprint 8 burndown chart](#).

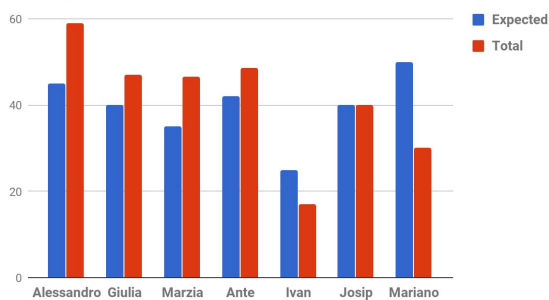
Sprint 8 burn down chart



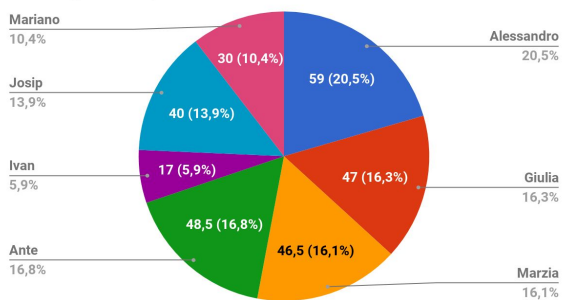
### 2.2 Working hours

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

Working hours sprint #8



Working hours sprint #8



## 2.3 Summary of work done

|                          |                               |
|--------------------------|-------------------------------|
| <b><i>Alessandro</i></b> | <b><i>Total hours: 59</i></b> |
|--------------------------|-------------------------------|

- Fixed bugs before final presentation
- Reviewed documents and uploaded the latest versions
- Made survey for usability and acceptance tests

|                      |                               |
|----------------------|-------------------------------|
| <b><i>Giulia</i></b> | <b><i>Total hours: 47</i></b> |
|----------------------|-------------------------------|

- Fixed mobile application bugs
- Added check in mobile app for stop tracking
- Improved events list visualization in mobile app
- Wrote slides for final presentation
- Wrote Summary Report
- Updated Design Document

|                      |                                 |
|----------------------|---------------------------------|
| <b><i>Marzia</i></b> | <b><i>Total hours: 46.5</i></b> |
|----------------------|---------------------------------|

- Fixed bugs in the web application such as: dates sorting in admin page, fixed event organizer panel and image, added a timer to update the ranking during the race and the final ranking in event detail page, ecc.
- Updated page for managing user (Admin)
- Updated page for managing events (Admin)
- Produced slides for final presentation
- Produced the Summary report
- Updated Design Document

|                       |                               |
|-----------------------|-------------------------------|
| <b><i>Mariano</i></b> | <b><i>Total hours: 30</i></b> |
|-----------------------|-------------------------------|

- 
- Made surveys with Alessandro
- Carried out testing
- Wrote Acceptance Test Report
- Helped with writing SCORE summary report
- Editing and fixing final Scrum documentation
- Proofreading final report

|                    |                               |
|--------------------|-------------------------------|
| <b><i>Ante</i></b> | <b><i>Total hours: 47</i></b> |
|--------------------|-------------------------------|

- Fix buttons in organized events according to event status
- Fix buttons in enrolled events according to event status
- Add admin links to the navbar
- Don't show edit button for event that has passed or are ongoing
- Writing Final report
- Editing documentation
- Writing SCORE summary report

|                    |                               |
|--------------------|-------------------------------|
| <b><i>Ivan</i></b> | <b><i>Total hours: 17</i></b> |
|--------------------|-------------------------------|

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|                     |                               |
|---------------------|-------------------------------|
| <b><i>Josip</i></b> | <b><i>Total hours: 39</i></b> |
|---------------------|-------------------------------|

- Add checks on CRUD operation on user by role
- Send an email to user when he/she enroll with info about event
- Check update profile integration
- Fix tracking bug about date
- Writing Final report
- Editing documentation
- Writing SCORE summary report

## 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                               |
|---|---------------------|-------------------------------------|
| Center logo in event creation and update  | 0                   | Time constraints                    |
| Add more descriptive error in update user api   | 0                   | Time constraints                    |
| Add an alert if the organizer clicks on start tracking on a date different than the startingDate one. | 0                   | Time constraints                    |
| Change content of FAQ page  | 0                   | To be developed over time as needed |
| Restyling manage event page   | 66.6%               | Time constraints                    |
| Improve How it works page   | 0                   | Time constraints                    |

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 as the final one. 1 task was **unstarted**, 6 were in **progress** and were 34 **completed**. In terms of the Done definition only 29 tasks were **done**, those that were not, were considered low priority and not documented or tested properly, yet still implemented perhaps for the final SCORE competition. Overall 79 hours were estimated and 58 hours were recorded as work done. There is a small discrepancy and well estimated. The team feels confident in the work they put into the project and hopes this is projected to the judges at SCORE.

## 3.3 Sprint retrospective

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

- The team split the remaining work well among us taking into account the few days left and potential risks
- The team worked a lot and well
- The team communicated a lot on Slack to solve the problem of low common hours for face-to-face meetings
- The final presentation went really well



- There was a lot of collaboration within the team

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

- Realistically estimating working hours taking into account other personal and university commitments
- Clear communication of absences

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

None

4) Issues to escalate

None

### 3.4 Sprint review and retrospective MOM

None