

Sprint 3 Report

Main objectives of the Sprint

For our 3rd sprint we initially restructured our tasks because for sprint 3 Sebastien became Scrum master and we gave different tasks to different people however we forgot to give any tasks for documentation and a lot of tasks were given to Hai Ha which resulted in us failing the Sprint so we restarted the Sprint. The task largely remained as it is but some of those tasks were moved to different people to do and tasks regarding the documentation were created.


The goals for Sprint 3/4 were as follows Hai Ha will finish implementing the mission log which meant displaying it in both applications and sending it to Ground Control. Viviana will finish the Drive to location and add missions' options for drive to location only sending the coordinates to the Pilot for processing and for Add missions she was supposed to send the mission to the Pilot as well. Omar was responsible for the UI of Pilot missions and Veci was to finish implementing the code for set UI. While Yani was to fix the Scrum board for sprint 3 and write the TD document. Veci was to finish the test plan and report while Omar to finish the FD document. Our main goals were to unite all our code which was done by Sebastien fix any issues and write down the documentation for it.


Design decisions


The only major design decisions made during the sprint was the restructuring of the algorithm and the modification of the unity project. There were issues with the orientation better described in the TD document.


Backlog


Task	ID	Status	Due Date	Priority	Assignee
Create Sprint Report	#5	Done	Yesterday	Low	Sebastien
Write down the FD document	#26	Done	Yesterday	Low	Veci
RGU-04 Create Preprogrammed missions BUG FIXES	#23	Done	Yesterday	Low	Veci
Drive to location UI	#30	Done	Yesterday	Low	Veci
Test plan/Test report	#25	Done	Yesterday	Low	Veci
Refactor the code	#32	Done	Yesterday	Low	Sebastien
RGS-02 - RGS-05 Export/Import data using CSV	#11	Done	Yesterday	Low	Sebastien
Write down the TD	#22	Done	Yesterday	Low	Veci
Create the preprogrammed missions UI for the Pilot	#24	Done	Yesterday	Low	Veci
RFS-03 Execute pre-programmed missions BUG FIXES	#28	Done	Yesterday	Low	Veci


RFS-02, RFS-06 Mission_log BUG FIXES
#31 Yesterday 3



RFU-01 Manual control BUG FIXES
#21 Yesterday 3


Create Pilot menu UI
#17 Yesterday 5


Merge All Code
#34 Yesterday 5


RGU-03, RFS-01, RFS-08 Automatic Driving
#10 Yesterday 9


Retrive frog current location and collision points
#33 Yesterday 2


Research how far the frog radar can scan
#19 Yesterday 1


Sprint Retrospective

Yani Yanev:

What went well: The communication between the team members was way better than before we had regular meetings every second day and we were checking each other's work

What did not go so well: Because of stress there were arguments between team members which I'm not really happy about but at least work was done.

What can be improved: If we listen more to each other with more understanding or if there wasn't stress, we could be an amazing team.

Sebastian van der Westhuizen:

What went well: During the last week of our assignment the team members really pulled together to get the project done, no matter the task or the reason it wasn't done. Everything was pulled together nicely and we met every second day to make sure.

What did not go so well: Sometimes work was delayed. This caused delays for everyone else as well. The entire project has been delayed because of the way that things played out towards the end. Tasks were not distributed correctly.

What can be improved: The tasks could have been pre-organised with a better understanding of the tasks themselves.

Omar Zaarour:

What went well: everyone was communicating well, which was a great improvement as we were able to meet on a regular basis.

What did not go so well: stress was a major drawback due to other exams and deadlines.

What can be improved: time was wasted on technical issues when meeting such as audio and screen sharing issues.

Vecihi Hoca:

What went well: Towards the end of the submission date, everyone worked hard and got final products that's functional.

What did not go so well: As functions were being implemented there was either delays or bugs that needed fixing which causes delays for other team members.

What can be improved: There was confusion with tasks as everyone was trying to get work done due to deadline.

Hai Ha Pham:

What went well: The energy and chemistry between team members is great, the team is much more communicative and responsive with bugs and issues and TODOs within the project

What did not go so well: Integration between parts of the application developed by different team members had some difficulties, as some members did not measure the impact of their code had on other parts of the application and this caused extra problems/bugs.

What can be improved: Stricter management can be applied to usage of GitLab – some development done by different members were still made on the main (develop) branch.

Viviana radu:

What went well: we had meetings every other day.

What did not go so well: everyone was stressed.

What can be improved: better planning could lead to less stress and overall a better experience.