Team Reflection Sprint 3

1. Customer Value and Scope
This week the tasks completed where:

5. See photographed spots on the map
19. Refactor code to MVC
22. Add autogenerated comment to opened PR:s
23. Add pull request integration to discord

1.1 User stories
This week the completed customer value was the user story 5 where old pictures will be shown on the map. The other user stories provided value to the team this week in getting a consistent structure by refactoring the code to MVC. Value to the team was also provided with the discord git integration there are still some issues with the bot but this will be improved continuesely.

1.2 Effort estimation and completed user stories
The user stories themselfes may have been underestimated this week since we where having issues with getting the database running. Got alot more complicated then expected. On the other hand there where other tasks that got finished instead. This week provided a good base for future developement and have provided us with some tools that we where lacking.

1.3 Acceptance tests
The tests where done in the codereview after the codereview the product owner get's to approve the user story before it is merged. Not much to say this week really. Works as expected.

1.4 Scope
The scope where changed this week by adding the user stories shown below. We are still incrementing on our product and are adding new functionality.

1.5 KPI's

Velocity: 2 completed user stories out of 11

Control chart: 4, 3, 3, 2, 6, 8 = 4.33

Reviews & testing: 2 merged.
- 4: 1 review
- 19: 1 review
- = 0 re-reviews in total for this sprint. (1+1)/2 = 1.00

The 3 kpi's that we are using is shown above. The velocity was low this week if we look at the first one this where due to some unforeseen issues with the scope of the userstories. Lesson learned spend more time on effort estimation and ask for help when it is needed.

If we look at the controlchart we where bolow the middlepoint so to say. There where some time wasted on the database since there where alot of time spent here "8" and not much result when looking at the coding progress.

If we look at the reviews there where 2 tasks reviewed and 0 re-reviews so good work where done on the userstories but more could still be completed.

2 Social Contract and Effort

The social contract where not changed during this week it works as expected and no severe arguments arised this week. There where alot of time spent on some tasks this week the situation is described above.

3. Design decisions and product structure

The implementation of MVC supports the customer value by getting a clear structure on how the application should function and by doing this it will be easier to add new userstories since we no longer have to think about how the code should be structured. When adding a new user story we simply:

*Add the functionality needed to the model.
*Add a controller to call the methods .
*Add the elements of the graphical interface that are needed
*Test that the 3 points above are working
*Done!

This also make it easier to uphold coding standards since the methods in the model can be quite short when you only need to think of the actual calculations needed and not the other parts of the implementation. There will also be less showeling of data to get things to work so to say when you have a clear structure.

4. Application of Scrum

4.1 Roles

There where a new role added last sprint. The role was team support to help with clearing some technical issues we where having before since it may differ a little in coding experience in the team the role worked well since we can now take all our technical issues with Erik first before looking for the information our selfes.

4.2 Agile practices

The agile practices had less effect this sprint on performance since we have dealt with some design issues following the usage of the agile practices by implementing MVC to our code base. This felt like something that was not clearly stated in the use of Scrum in the way of how these things should be dealt with. We got further help from last weeks supervisor session where we where told to add user-stories to deal with these issuses.