

## Team reflection week 8

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### Customer value and scope

This weeks scope contained mostly user stories that tied things together and got the two main value generating flows working. A costumer can now successfully add products to his or her cart, go to checkout, add credentials and receive a notification telling you that your order has been received. On the producer side of things, producers can now update their inventory and additions are then visible to customers. They're also able to see their list of received orders. Since this was the last week we could spend coding, we mostly prioritized features that offered valuable functionality and spent much less time on designing the visuals. This is definitely something to remember for future projects, unless the product owner decides the look of the site is more important. The ability to end a sprint delivering value to both producers and consumers, who rely heavily on each others actions, felt like it would please potential product owners more and is therefore something we should think about adopting in future projects.

We believe that we have in many ways reached our success criteria, such as learning to apply scrum and creating a working web site.

This sprint as well as in the last the task breakdown and effort estimation of our user stories has worked well, thanks to our increased knowledge in React and the time we have spent on specifying and narrowing our user stories.

This week the role as PO has been extra important, since the final business value has been created within this sprint. We believe that we in the last sprints have gotten better at creating clear acceptance criteria which has made it easier for the POs and the peer reviewers. The value provided by the acceptance tests this sprint is big for both us as a development team in creating a functioning web platform, and for the potential consumers and producers of the platform.

During this sprint we have continued to use our three different KPIs. Here is the result for the 'Team member satisfaction' of the week:

(Higher is better) Last weeks results:

Workload: 8.7 out of 10  
Contribution: 7.4 out of 10  
Support: 8.6 out of 10

This weeks results:

Workload: 6.9 out of 10  
Contribution: 7.3 out of 10  
Support: 8.3 out of 10

Unfortunately, this weeks team member satisfaction is lower than last week. The reason for this could probably be the increased workload for each and everyone, which also results in less time over to help each other. The lower estimated contribution could be because a lot of time has been spent on solving merging problems instead of creating new value through new components.

The defect KPI this week has been 3 solved and 2 new ones have come up. The solved one from the last sprint was that you weren't able to step back in the shopping wizard. The 2 new ones detected were detected by the end of the sprint, and fortunately two of them were solved in time for presentation.

The estimated velocity for this sprint was 33 (5 of these consist in creating sprint retrospective and team reflection). We increased our estimated velocity by only 2 this sprint. The actual velocity turned out to be 33, which shows that we have gotten better at estimating effort and velocity.

## Social contract and effort

This sprint our social contract has worked well and everyone is satisfied with its' content. This sprint we haven't added any new parts to the contract, due to the fact that there is almost no time left and probably as well due to the fact that we have come across most problems in previous sprints and already adjusted our social contract.

This sprint, which is our final before project presentation, we have spent more time than in previous sprints. The reason why is that we need to finish every part of the code needed to show the customer value of our development. Since we don't log our hours exactly it is hard to tell how much time we've spent, but we believe it to be 26 hours in general. Although we have spent more time than expected on the course during this sprint, we believe that it has shown in

the value added during this sprint. Our main goal this last sprint was to get a functioning flow to present on Monday and we have accomplished this as well as making the design sleek and aligned.

## Design decisions and project structure

A few sprints ago we added a package for our shopping-cart. This package has really come to use this sprint when we used functions and functionality from that package to create an order-page for our farmers. It creates value for the customers to be able too see what has been purchased from their farms.

For future project we should create additional technical documents such as a domain model or component diagrams so that it is easier to go back and remind ourselves of how we planned to structure our application. However, we chose to spend more time on learning to use the library and JavaScript instead. We did follow the prototypes we made in the beginning which helped us a lot and saved tons of time when it came to designing the app.

This sprint we have continued our work on commenting our code. The previous two sprints we've improved on commenting our code whilst working on it. This sprint we have been commenting the code from the first sprints, since it was missing. This makes it easier for everyone to understand the code and saved us a lot of time when we made some final touches on the code.

In almost all other sprints have our focus been on developing and improving code and functionality. Therefore has a big focus during this sprint been to styling and change the graphical user interface. This has not been prioritized before since we believed functionality has given more value to the project. We chose to do all styling with CSS since it is easy to use and makes it possible to reuse styling.

## Application of scrum

This week we have had a new meeting administrator as well as Scrum master. This has offered us new perspectives on how these roles can be carried out. Having these roles makes us more effective in our work and we are getting more productive since we are getting more used to working in a group with these roles.

We are still using our daily scrums and meetings on Monday and Thursday, with team reflection and sprint retrospective on Thursday. Since we are working on wrapping things up it has been even more important than before that we are

all on the same page. Therefore we have had one extra meeting on Wednesday this week. Other than this, we have been working with the same agile practices as before.

Just as before, we have had different POs for different user stories and the review has been carried out the same way as before - by trying to see it from a customer perspective. The PO review in combination with the peer review of the code makes sure the DoD is completed.