**Individual reflections should be submitted to your teams source code repository.**

Each team member submits an individual reflection each week (starting week 1). In the individual reflection, please address the following questions, using the [A, B, A -> B reflective loop](https://chalmers.instructure.com/courses/9334/pages/course-pm-team-reflections) as described above:

* what do I want to learn or understand better?
* how can I help someone else, or the entire team, to learn something new?
* what is my contribution towards the team’s use of Scrum?
* what is my contribution towards the team’s deliveries?

That means that for the personal learning objective you will each sprint write down what you have achieved in relation to last sprint's ambition (technologies, concepts and skills learnt as well as how this was achieved), what you would like to achieve for the next sprint and how to make the change happen. The first week of the course you describe the current situation by motivating a learning objective. It is perfectly fine to change objective/s each sprint as long as you can motivate the change and you evaluate the outcome of the previous sprint (e.g. describing the current situation). Please make sure to be concrete about your goals and how to achieve them and remember that the learning objectives in this course are about working with a process and not individual technologies.

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WEEK 1

* I want to understand what scrum is. I am also very curios to understand what roles students from different programmes takes in a project like this. Furthermore, I want to learn how to use the programming-skills that I have gotten from the courses during my time at Chalmers in a more practical and realistic project than before.
* Even though I might not have the same experience as the IT-students on programming and the more technical side of things I think that I could share knowledge on the more business side of this project. E.g. about how to use the business model canvas and understand the importance of creating customer value.
* I have participated in the lectures and the exercise where we were supposed to draw Mona-Lisa, introducing scrum through sprint-works. Although no contribution towards scrum as we haven’t really implemented it yet.
* I, like the other team members, contributed towards constructing our social contract. I also took the role together with one other team member to act as meeting-coordinator which means that we have the responsibility to make sure meetings are planned and started on time. I also opened a Trello for the group which might also be used in our work with scrum but hasn’t been implemented in the context of scrum yet. I have like other team members contacted potential stakeholders.

WEEK 2

* This week we have been introduced to scrum and its different parts. I want to further understand this by e.g. reading the literature on scrum to facilitate for applying scrum in our team’s project. I also want to further understand how GitHub works and what different code languages are applicable for what kind of projects.
* I can help the team members to understand that the project can’t be too extensive and that we have to find a reasonable MVP, even if some projects and MVP:s are more intriguing e.g. using complex and “cool” technology we need to make sure that we work towards our stakeholders and that we’re able to complete the project.
* I have started to dive deep into the concepts of scrum, and I could be somewhat able to help other team members understand scrum. I have contributed in the team’s efforts on the exercise “slicing the cake”. However, our use of scrum has not really begun yet, making it hard to reflect on this to a further extent.
* I contributed to constructing our teams Mockup, finishing the Business Model Canvas and with the other team members writing the project description. I have taken responsibility and made sure that meetings are planned and concluded, well in line with my role as meeting-coordinator.

WEEK 3

* During this week we have started to implement the use of scrum in our work, I want to understand what effects this will have on our efficiency and teamwork. I also want to learn more about scrum by, as we have now applied it practically, also iterate back to the literature on scrum. We have started coding and creating the application and I want to further understand how to code dart in flutter. I also want to understand how we connected the stakeholder’s website’s database to our application as I was not a big part of this task during this sprint.
* I played a role in creating parts of the application-demo that we made this week, and even if I already have explained my process in this to the team-members that focused more on connecting the database I can further explain this to ensure all members are integrated in all parts of the conducted work. I also took responsibility in writing the team-reflection, here I think I might have done too much individually and I should include other members of the team more the next time, anyhow I will be able to share my insights in how to reflect on the certain topics that we chose and how to implement the A,B,A->B reflective loop effectively.
* I have taken part, like the other members of the team, in sprint planning, creating our scrumboard, poker planning, daily scrum, sprint review, sprint retrospective and in completing tasks. I think we had a good start implementing scrum!
* I have, like the other team members, discussed with our stakeholder to make sure we create value in our deliveries both, before, during and after the sprint. I took a part in realizing a finalized/refined mockup to our stakeholders, and the demo-app that we have started on, but also the team reflection.

Week 4

* During this week I want to further understand how we connect the product owner’s database with our application. Here I should make sure that I communicate this to the other team-members during our meetings, so that I can ensure that I get to take part in the development of this, and/or that the ones that has been focusing on this demonstrate and explain their work.
* Unfortunately I missed out on a big part of this sprint as I had an exam this Thursday. I have therefore not been able to be an integral part of the team this week, but will shift my focus towards the next sprint and put a great effort into it, to compensate for this sprint.
* See point 2 above. (N/A)
* See point 2 above. (N/A)

Week 5

* I feel quite comfortable with the development in flutter, but I still want to further understand how to connect the database in the Wix backend through http-functions. I have gotten a walkthrough by the ones developing the http functions, but now I want to be able to write some code in the Wix backend, to ensure this I should try to write some code and take help from the ones that are more experienced, as well using online sources.
* This week I have been quite incremental in developing our KPI:s (we were slow to implement these) and the excel-tools that we use to track our progress. I have demonstrated these to the ones that didn’t take part in this development. I have also put a lot of effort into the team reflection, here I should maybe make more room for the others to write, but I wanted to put some extra effort into this week’s sprint, as I missed a meeting last week, and I therefore did some extra work on these parts. Anyhow I can further explain our KPI:s and the thoughts behind them, but also how to write the team reflection with regards to the A,B,A -> B reflective loop as I am very comfortable with this now.
* I have continued with my role as meeting-coordinator and I have therefore initiated our meetings this week, and I have made sure that we conduct the integral scrum-meetings, i.e. sprint planning, retrospective and so on. I haven’t taken the role of scrum-master yet, but I am looking forward to this. To further contribute towards scrum I should make sure that we don’t miss out elements such as the KPI:s and our DoD, as this is something that we tend to miss to address during the meetings.
* As I said, I was played a large role in creating, implementing and updating our KPI:s and the tools, and graphs that represent them. Maybe I should make sure to play a larger role in the coding as this is something that I’d in a larger extent than e.g. creating KPI:s in excel want to learn. To ensure this I should try to switch roles with someone who is currently mainly developing in the Wix backend.

Week 6

* I still want to further develop my skills within connecting the database with our application through http-functions. Even if I made sure to be a part of this development this week, I have a hard time independently writing this type of code, as it is quite new, and we have already made a lot of progress here. To ensure this I should state that I might need some more time to write code, although it is quite hard now as we don’t have that much time on our hands, and we are starting to finish the project.
* how can I help someone else, or the entire team, to learn something new?

I can help the entire team by taking a bit more responsibility in the use of scrum, which is something I think I have done, by e.g. stating that we need to set aside time for sprint planning’s and retrospectives. This will help the entire team to integrate the use of scrum, rather than to just have it as an extra layer to the project.

* what is my contribution towards the team’s use of Scrum?

I have continued with my role as meeting-coordinator, initiating meetings, and I think that I have taken some extra responsibility in ensuring that the scrum-elements that we have implemented in our work are completed. Maybe we should set aside a bit more time for the scrum parts of our project, here I need to communicate this to the rest of the group.

* what is my contribution towards the team’s deliveries?

I have teamed up with members on the coding of tickets for app-users registering for events, here we have been developing both in the backend and in the application itself. I still have a hard time developing independently in the backend, but I really don’t think that I will be able to do much here as we are so far into the development of the project now. I am definitely not alone in feeling this way, but it could be solved by the ones not being comfortable with the http-functions etc claiming more of this development early on in the project. Although this would probably negatively impact the timeframe of the project.

Week 7

* what do I want to learn or understand better?

This week I want to learn how we launch our application, i.e launching it on android and apple store and such. I also want to understand all of the other finishing touches.

* how can I help someone else, or the entire team, to learn something new?

This week I did some independent coding on some hyperlink functionality which would enable user to click logos and text which directs the user to CWA:s social medias and email. This I can explain to the rest of the team. I demonstrated the code and its functionality in a proficient way.

* what is my contribution towards the team’s use of Scrum?

I have initiated all meetings accordingly to my role as meeting coordinator, and I have also made sure that we set aside for all the scrum-meetings.

* what is my contribution towards the team’s deliveries?

I together with one other team-member took big responsibility in conducting the about-page for the application. I have also taken a great responsibility in the team reflection and final reflection this week. Here I should explain for some team members on how to use the A,B,A->B loop as this is something some of them aren’t proficient at. Here I shouldn’t just rewrite or restructure their reflections, but rather explain how they should use the loop, and maybe demonstrating a restructure of a member’s reflection, and say, e.g. “this is great, but it is possible that this part is more connected to the B part” and so on, to really ensure that they understand this part of the project/course.