**End conclusion – week 13/14**

1. **Evaluation learning goals**

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We would like to get a good picture of your development. By answering the questions below, we want to form a picture of this. **So make sure you provide a well worked out substantiation of the questions**. Evidence in the form of print screens, code snippets, photos, video, etc. can support the substantiation. This document (part A, B and C) is part of your file.

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**Professional Skills**

Name here both of your learning goals for professional skills:

* ***Learning objective week 6:***

“Improve my writing and presentation skills”

* ***Learning objective week 11:***

"Getting better at writing documentation” and “'To get/am going to be better at scheduling so I can be more productive.”

We would like to get a good picture of your development regarding *professional skills*. Answer the questions below. Provide good evidence. **Provide at least 1, no more than 2 pieces of evidence that support your development**.

1. ***Looking at your learning goals related to professional skills, how have you developed on these goals? What results have you achieved? What succeeded and what didn't (completely)? What has noticeably/visibly improved and/or changed for yourself and others?***  
   I’m now able to write faster with a relatively professional language in the timeslots I planned for it. People seem to understand my writing and Kanban boards and my Outlook Calendar are my go-to, to plan things I should do or go to.
2. ***To what extent was your approach effective? What could you have improved (with your current understanding) in your approach?***  
   My approach was fairly effective as my planning regarding where I should be is helping me remember a lot. But the kanban boards seem to be really good for programming tasks only at this moment in time.
3. ***What will you take with you from what you learned into the future? (e.g., to the 2nd semester?)***  
   I will take my writing and planning experience with me as that proofed useful in the last few months.

**Programming**

Name here both of your learning goals for professional skills:

* ***Learning objective week 6:***

“To rewrite my code less unless it is absolutely necessary. This way I should be able to train myself to think less difficult.”

* ***Learning objective week 11:***  
  “I’m going to think less difficult and rewrite less code as most of the time it isn’t necessary”

We would like to get a good picture of your development regarding *programming*. Answer the questions below. Provide good evidence. **Provide at least 1, no more than 2 pieces of evidence that support your development**.

1. ***Looking at your learning goals related to programming, how have you developed on these goals? What results have you achieved? What succeeded and what didn't (completely)? What has noticeably/visibly improved and/or changed for yourself and others?***  
   As this was a tendency which is kind of hard to ‘unlearn’ I forced myself to write the code a maximum of 2 times and think it out more properly by adding the base functions/methods first, then comments of what it should do and then actually writing the code. This helped a lot and extended my existing knowledge of why planning can be really important.
2. ***To what extent was your approach effective? What could you have improved (with your current understanding) in your approach?***  
   The approach was effective as I was rewriting code less with the inline comments I placed beforehand. By no means it was preventing it but it was/is a good start in my opinion.
3. ***What will you take with you from what you learned into the future? (e.g., to the 2nd semester?)***I’ll take the newfound approach with me. Added comments beforehand to empty functions/methods was helping me both thinking out and structuring out my code.
4. **Evaluation learning goals**

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The study guide describes the learning outcomes of Basecamp. In class, you actively worked with this; what are the learning outcomes and what does it all mean?

Using this form, you are going to evaluate the learning outcomes.

Take the assessment form from the study guide. Using the assessment form, describe the extent to which you have developed on the items listed below.

These items will be covered during the assessment. So work out the items carefully.

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**Professional Skills**

**Student success**

* ***What am I already good at?***  
  I’m good at finding the ‘drive’ to learn new things.
* ***What can I still improve?***  
  I should try to plan brakes in for myself. Learning is fun but applying new knowledge isn’t doable in the long run if you are tired.

**Research**

* ***What am I already good at?***  
  Finding the right resources to finish my tasks, or, if the solution doesn’t exist finding the correct place to ask my specific question where I can get a good answer.
* ***What can I still improve?***  
  It might be useful to document my research in a better way.

**Problem solving**

* ***What am I already good at?***  
  Thinking outside the box by using my creative side.
* ***What can I still improve?***

Not making it myself difficult. Being creative is fun but some things are not as difficult as they seem.

**Programming**

**Basic and advanced structures**

* ***What am I already good at?***  
  Programming in an organized manner by using objects and inheritance.
* ***What can I still improve?***  
  I’m not really good at using datatypes such as unsigned ints yet.

**Debugging and testing**

* ***What am I already good at?***  
  Writing automated tests and debugging them.
* ***What can I still improve?***

The forgetfulness to write the actual tests in the first place.

**Data processing**

* ***What am I already good at?***  
  Writing API endpoints
* ***What can I still improve?***

Regarding data processing? I’m not sure.

1. **Evaluation BaseCamp**

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You have now written an evaluation of your learning goals and learning outcomes. We are also curious how you experienced Basecamp; where did you start and where are you now?

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1. ***Describe here how you look back on Basecamp. How did you experience it? What did you learn along the way?***

I found Basecamp itself really easy even though I barely touched Python in the past. So I was glad there was the occasional Challenge Week so I could change pace for a few days. After a few weeks I stopped doing the problems as they weren’t mandatory and I understood how to make the assessments. I did notice however that Codegrade doesn’t want to play nice with a lot of the time by giving useless errors or looking to strict at print() statements.

1. ***What are you most proud of (both personally and technically)?***

***Personal:*** Making a game using Pygame in less then a week without previous experience with Pygame.

***Technical:*** Figuring out how OpenCV works so another student and I were able to implement dynamic track hitboxes. (Because game objects are a ‘rect’ in Pygame you can’t easily make fancy shapes with only Pygame)

1. ***Give a tip and a top regarding Basecamp.***

***Tip:*** Stop using Codegrade and start utilizing normal IDEs such as PyCharm and learning the students GIT. This way it’s also easier to do projects with other students.

***Top:*** The challenge weeks were fun and give you an extra EC if you finish them which is nice and for you dossier you can also document what you learned outside of school which personally gave me a good extra way to document that I am able to learn other languages without saying “I didn’t learn anything” in my documentation.