

Dear student,

When you are halfway your graduation internship, it is a good moment to reflect on your progress. Ask your company mentor to fill in the form that you can also find in Canvas and discuss together. Also, fill in the form below to help you think about your progress, and submit both forms (evaluation company mentor, and from yourself) in Canvas. Your graduation teachers will review and also give their view on the progress and will give feedback, feedforward and feedup. If you, the company mentor or your teacher judges to be helpful or necessary plan a meeting to further discuss with the three of you.

In the form on the next page, describe for each learning outcome on which level of progress you think you are working, and give substantiation your ideas how to further work on it. By the end of the semester, all learning outcomes should be at least on proficient level. We recognize the following levels:

Undefined: you have not yet undertaken activities to demonstrate the learning outcome.

Orienting: you have made a start and explored the possibilities to demonstrate the learning outcome.

Beginning: you have taken the first steps and carried them out which contribute to demonstrating the learning outcome.

Proficient: you have demonstrated the learning outcome several times. You will demonstrate the learning outcome at a sufficient level, if your development continues in this way.

Advanced: you have shown several times to work on this learning outcome with good results. You have performed above expectations and have focused on continuous improvement. You will demonstrate the learning outcome at a more than sufficient level, if the development continues in this way.

At the end of this document you find a clarification on the learning outcomes.

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Student number	4287355
Graduation Profile	User Interaction
Date	08-05-24
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	Learning Outcome	Level* (U, O, B, P, A)	Feedback
1	Professional Duties	P	I've been actively communicating with and updating stakeholders about the project, by setting up weekly standups. During these standups, I receive feedback from everyone involved, as well as asking questions to the stakeholders when I'm in need of something for the development of the project. I've also been working well independently, where I've done thorough research needed for this project including: library research, interviews with end-users, interviews with experts, concepts, designs, prototypes and more. During my internship and interviews I've always maintained a professional attitude towards employees of iO as well as their clients. I want to keep on continuing working closely with the stakeholders to successfully achieve the goals of the project.
2	Situation-Orientation	P	I integrated into the team's workflow, adjusted to their processes and contributing effectively to collaborative efforts by joining the team standups, monthly company updates, and the 6 weekly chapter meeting. As well as making use of their tools like Jira for project/task management, Teams & Slack for online communication, Outlook to plan meetings and reserve spaces, Bridge to log my work hours, and Confluence to find internal company information like policies etc. I've also been actively engaging with stakeholders, listened well to their feedback, and making changes based on their feedback to meet their needs. I want to keep attending these meetings/sessions as well as using the right tools to stay well integrated with the team.
3	Future-Oriented Organisation	P	I've done thorough research into the different tools and services needed for my project by comparing them on a wide range of factors like privacy, security and cost. I've discussed the results with the relevant stakeholders to combine the right set of tools for the project. The research I've done will also help to further develop the project by iO when my internship is finished. Lastly, I've interviewed experts from iO like the Chapter Lead and a Front-end

			<p>developer to get to know their coding standards, recommended programming languages, and services used within the company. To help to make sure my project is well integrated and future proof for iOS. I want to make an advice report with relevant information that helps to advance the project.</p>
4	Investigative Problem Solving	P	<p>For the development of my project, I've used and will use a variety of different CMD methods, and I'm aiming to triangulate each research question. By doing this, I'm making sure research questions are being looked at from different perspectives. I also involve stakeholders with an expertise on a variety of different fields like marketing, technology, and development to further increase the amount of perspectives my project/products are being looked at. I want to do user tests to iterate on my proof of concept and to find any potential problems.</p>
5	Personal Leadership	P	<p>I'm taking ownership of the project, establishing and maintaining schedules for my project and doing regular standup meetings to track progress and address issues. While I try to actively request feedback during meetings, I could ask more in-depth questions, particularly as the proof of concept progresses. This will help to gain even deeper insights into project status and areas for improvement.</p>
6	Targeted Interaction	P	<p>Before I started my project, I got together with my company mentor and gathered relevant stakeholders for my project. I met up with each of them and discussed the project. I then setup weekly standups with them, in order to update them and receive feedback on the project. For my project, I also target a specific group as end-users (Marketing) and interviewed them to find out their frustrations, wants, and needs. Using the information from the end-users and stakeholders, I want to keep shaping my project in way that fits their needs/requirements. To further advance in this, I want to do user tests with the end-users to further iterate and develop the project.</p>

*Choose from **Undefined**, **Orienting**, **Beginning**, **Proficient**, **Advanced**

Appendix: Explanation about the learning outcomes

1. Professional Duties: You carry out the professional duties on a bachelor level resulting in professional products in line with the IT-area you are working in.

Clarification:

- Professional duties on bachelor level = All or a subset of the activities Analysis, Design, Realize, Advise, Manage&Control on professional level. As a reference, 1) use the HBO-I framework¹ on proficiency level 3, 2) the level as required in OE6 or OE7 that relates to the IT field, 3) the expectation in the professional workfield related to IT field of the graduation project.
- Professional products: end products and other products as a result of the professional duties
- In line with the IT-area = You deliver professional products that are characteristic for the IT area of your project. E.g., a software architecture in full stack software development. On a general level the IT areas are defined by the 5 architectural layers of the HBO-I framework (User Interaction, Organizational Processes, Software, Hardware Interfacing, Infrastructure), or a more specific level as a subset or combination of the architecture layers (like cyber security or web development).

2. Situation-Orientation: You apply your previously acquired knowledge and skills in a new and authentic context to deliver relevant and valuable results for the project and company.

Clarification:

- Apply your previously acquired knowledge = You adapt to the processes and way of working of the company
- Relevant and valuable = Your work is relevant for one or more persons and creates value (e.g., in terms of upward TRL transition)
- New and authentic context = you work in a methodological and structured way in a context where approach and solution area are open, with multiple stakeholders and multiple IT areas combined.

3. Future-Oriented Organisation: You explore the organisational context of your project, make business, sustainable and ethical considerations and manage all aspects of the execution of the project.

Clarification:

- organisational context – you identify the business domain and stakeholders of the project and know its business legitimisation.
- business, sustainable and ethical factors – you take into consideration business, sustainable development and ethical aspects in your judgement process using standards or methods/tools (e.g. TICT).
- manage execution – you create a project plan and monitor your project including the research activities, time, money, risks and the quality of the solution which is valuable for the organisation.

4. Investigative Problem Solving: You take a critical look at your project from different perspectives, identify problems, find an effective approach and arrive at appropriate solutions.

Clarification:

- Identify problems - Throughout all phases of the project, initially by identifying the problem/opportunity of the client, defining the main scope of the project and formulating the related research questions, and during the project by identifying newly encountered problems/challenges and formulating more in-depth or detailed research questions.
- Different perspectives and effective approach – you use a variety of research strategies, methods and activities (reference: https://ictresearchmethods.nl/The_DOT_Framework) in a structured way in order to find justified answers to your research questions.
- Appropriate solutions – you use the results from your research to create valuable solutions and validate these with the relevant stakeholders.

¹ As described in: HBO-i Domeinbeschrijving 2018, HBO-I stichting, Amsterdam.

5. Personal Leadership: you are entrepreneurial around your projects and personal development, you pay attention to your own learning ability and keep in mind what kind of IT professional and/or what type of positions you aspire to.

Clarification:

- Entrepreneurial means that you take the lead in your own project, both planning as well as content wise.
- Paying attention to your own learning ability means that you can reflect on your own actions, ask and receive feedback on your actions and look for further opportunities and possibilities that flow from that feedback and that you are aware of your development as an IT professional.
- You know which role you envision in the IT-landscape and what role you play in a team.

6. Targeted Interaction: You determine which partners play a role in your project, collaborate constructively with them and communicate appropriately to achieve the desired impact.

Clarification:

- Communicate appropriately means that you make sure that your communication has the right impact and execution.
- Partners are the different stakeholders in the project to which you pay attention to and whose interest in the project are clear to you.