

Protocol

1st Review			
Date	25.03.2024	Zeit	10.30 – 11.00 AM
Location	ZHAW Winterthur		
Project Leader	Rafael Gonçalves	Minute Taker	Pascal Küng

Participants (Students)	Pascal Küng, Micha Mettler, Jonas Zehnder, Rafael Gonçalves, Ragavan Thayananthan
Participants (Lecturer)	Kurt Bleisch (Subject Matter Expert)
Apologies	-

1. Agenda Items	
1.1	Objectives for the 1st Sprint
	<p>The objectives set for the 1st Sprint included:</p> <ol style="list-style-type: none"> 1. Establishing the initial project structure. 2. Setting up user and exercises. 3. Setting up back- and frontend. 4. Building a backend testing environment. 5. Creating a GitHub repository structure. 6. Formulating a skill table as a basis for generating exercises. 7. Compiling a Readme document.
1.2	Sprint Assessment
	The implementation of backend authentication has been deferred to Sprint 2 due to unforeseen delays. However, the postponement is not critical and the team remains confident in meeting its deadlines.
1.3	Current Challenges & Learning
	<ul style="list-style-type: none"> - Rafael encountered initial technical challenges with Javalin, which have since transitioned to a steep learning curve. - Jonas also faced difficulties with Javalin as he did not know the framework in advance. Moreover, he struggled with how to hand over exercises. - Pascal grappled with creating a skill table based on the “Lehrplan 21” to benefit children while remaining technically feasible for the team. Managing expectations with the educational expert was another difficulty. - Ragavan, feeling less confident in his technical skills, faced several hurdles but is now eager to enhance his skills through frontend-development. - Micha appreciated the discussions around the data model and encountered issues with Angular’s stand-alone default setting but otherwise found the sprint going smoothly.
1.4	Risk Management
	<p>Rafael elaborates the risk assessment:</p> <ul style="list-style-type: none"> - Technical Complexity: The risk has been mitigated through better understanding of the frameworks. - Software Bugs: The risk remains medium as bugs cannot be entirely prevented. - UI / UX Errors: The risk is still high due to the lack of a large, diverse user group to test child-friendliness.

	<ul style="list-style-type: none"> - Adherence to Educational Standards: The risk has decreased from medium to low with the possibility of consulting with the domain expert (senior teacher). - Project management: The risk has been reduced from medium to low due to improved team dynamics and getting to know each other better.
1.5	Goals for the Next Iteration
	<ul style="list-style-type: none"> - Rafael is to focus on backend authentication and implementing the scoreboard. - Rafael and Jonas aim to complete exercises for grade 1 during this sprint. - Micha and Ragavan are responsible for developing the GUIs for user registration, grade selection, and mode selection. - Micha is tasked with testing the connection between the frontend and backend. - Pascal is to produce a substantive draft for Technical Report 1.
1.6	Miscellaneous
	Kurt Bleisch provided feedback on the project sketch, highlighting both strengths and areas for improvement.