



Artist Tool / Grow Flow

Artisttb007 / Grow Flow / Fontys University of Applied Science

Title	Grow Flow
Purpose	Growflow is an online learning tool that give students responsibility over their own learning goals in a structured way.
Description	Students learn a lot when doing projects. However, it's challenging for coaches to assess whether all learning goals have been achieved for a group and for each individual student. Growflow solves this by giving more responsibilities to the student. Students keep track of their actions, feedback and learning goals. Coaches only see the results during coach meetings for discussion. This makes the learning process more effective and fun for students and coaches.
STEM topics covered	Support for challenge-based learning, process-based learning
Arts topics	Depends on the challenge of the project
STEAM approach explained	This web-application will not only support the learning objectives of the course, but also the learning objectives of the students. It will emphasize the growth of the talents of students and their interactions. In this way transdisciplinary, creativity and co-creation is supported.
Setting	Classroom or online
Time frame	To be used for approx. 20 to 30 ECTS courses
Group size	Approximately 20 people, 10 people in case of online teaching
Schedule and activities	Support via the app, throughout the course: Continuous peer feedback Because students log all their actions directly and reflect using peer feedback, they learn more throughout the course. Intuitive & mobile friendly Students can easily add actions and give feedback to group members from their smartphone.
Age group / level of study	BSc, MSc, PhD
Preparation needed / pre-requirements	Students: Download of the app for students and instructions how to work with it. Teachers: Preparation of the project in the app.
Instructions for students	No preparation needed, just write all your ideas on the post-it. During the discussions: do not judge and follow the usual rules
Instructions for facilitators	Contact https://www.growflow.app/ to ask for LTI credentials. You use these to add Growflow into your LMS. Alternatively, you use Growflow as a standalone web application. As a coach/instructor you create an continuous feedback environment by adding project groups, learning goals and projects. All group and student data is imported directly from the LMS or from a CSV file. This allows you to set up a self-directed learning workflow for your course in minutes. Students will receive an email to start using Growflow. They can easily manage and track their actions and feedback. The coaches cannot access this data directly. This creates a structured and safe environment for students to learn from each other. As coach, you can see summarized course activity in a visual dashboard. The dashboards can be used to monitor the course activity, to use the data for assessments and to make coach meetings more structured.

	That's it! You made your students responsible for their own learning process. This can save you a lot of time. Time you can use instead to coach and inspire your students with their projects.
Lessons learned	Formative Student get peerfeedback and the data-rich dashboards serve two functions: reflection of the student and structuring team meetings with coaches. Data privacy & easy export Growflow meets all EU/US legislation. Data belongs to the customer and can be easily exported.
Author / organization	Fontys University of applied science and Shareworks Solution BV. https://www.growflow.app/