

Personalized Mode

A tool designed for teachers and students with the main goal of assisting in the evaluation process by allowing customized assessment criteria and scoring.



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Introduction

At the time of evaluating Scratch projects, we recognized the need for a more adaptable and contextual assessment approach.

For that reason, we created a new tool called **Personal Mode** which allows users to adjust any dimension importance, define specific criteria, and assign personalized scores. A versatile tool for accurately evaluating student work.

Goals

With this mode we aim to achieve the following goals:

- **Adaptability:** This mode allows Teachers to personalize the evaluation to match their specific learning objectives, project types and student abilities. For that reason, being able to adjust each dimension importance, teachers will be able to create more personalized assessment process.
- **Holistic Assessment:** We seek to move beyond a one-size-fits-all rubric, therefore this mode encourages a more comprehensive evaluation that considers creativity, code quality and other aspects in such a way that we provide a richer understanding of the student work.
- **Student Empowerment:** By giving the opportunity to students to define their own evaluation criteria, we provide them with the opportunity to take part in their learning process, by fostering self-reflection and meta cognition promoting to the students growth and improvement.

How it works

Creation of the Rubric

The creation of the evaluation rubric is an essential process which is carried through an intuitive and user-friendly interface allowing the users to define the evaluation criteria.

In order to create the rubric, the process consists in the selection of the maximum score for each evaluation dimension, which will represent the highest level of performance (None, Basic, Developing, Proficiency or Advanced) in that specific dimension. By selecting the maximum score by the slider-bar, the users can customize the rubric to reflect the importance of each dimension in the context given for that specific evaluation.

To make this process even easier, we provide assistance in the selection of the score on each dimension which is achieved through a help feature that provides detailed information about what each score selection implies. This feature is especially useful for users who are less familiar with the evaluation process, as it provides them guidance and clarity.

In addition to this, we also offer pre-elected rubrics examples (Arts, Music, Animations, Stories or Games) which are designed based on common evaluation criteria that are most relevant to each genre.

Finally, to create the rubric selected by the user, it is only needed to click the button of *Generate Rubric* in order to have their rubric created.

Diffusion of the Rubric

Once the rubric is generated, a unique link will be created and it will appear in the page. This link leads to a dedicated page where the Scratch project can be uploaded for evaluation.

Sharing this link is straightforward and convenient because it can be sent to other users, allowing them to access the rubric and upload the project directly. This feature not only simplifies the evaluation process but also ensures that the evaluation criteria is transparent and accessible to all users.

Upload of the Scratch Project

The final step in the process is the evaluation of the Scratch project, which can be done by three different ways:

- **Adding the Project URL:** Users can simply include the URL of their Scratch project which is a very easy and quick method in order to analyze a project.

- **Uploading the .sb3 Project File:** Users can upload the .sb3 file of their Scratch project, which can be useful when the users prefers to evaluate a specific version of the project.
- **Uploading a .txt File or a .zip Folder:** For evaluating multiple projects at once, users can upload a .txt file with the URLs of the different projects (one URL per line) or a .zip folder containing the .sb3 files of the projects. This option is very useful when the users wants to analyze several project at once.

Usage Examples

In order to be able to use this mode, the first thing you need to do is to find the section in Dr. Scratch Main Page (Figure 1) and click the button of *Create Rubric*.

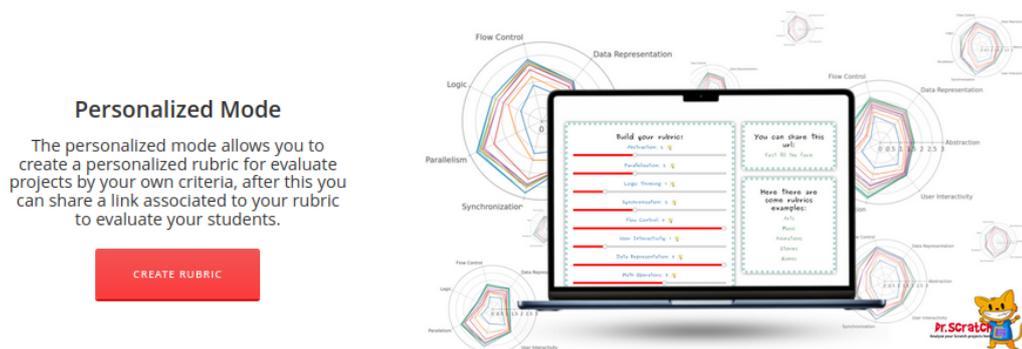


Figure 1: Personal Mode Section in Dr.Scratch Main Page

Once you click to that button you will be redirect to the Rubric Creator Page (Figure 2), where the user can create their custom evaluating rubric by selecting the maximum points that can be achieved in each dimension and later click the button of *Generate Rubric* to get the unique URL for your rubric (Figure 3), which will be the URL you will need to share in order to evaluate your projects with your personal rubric.

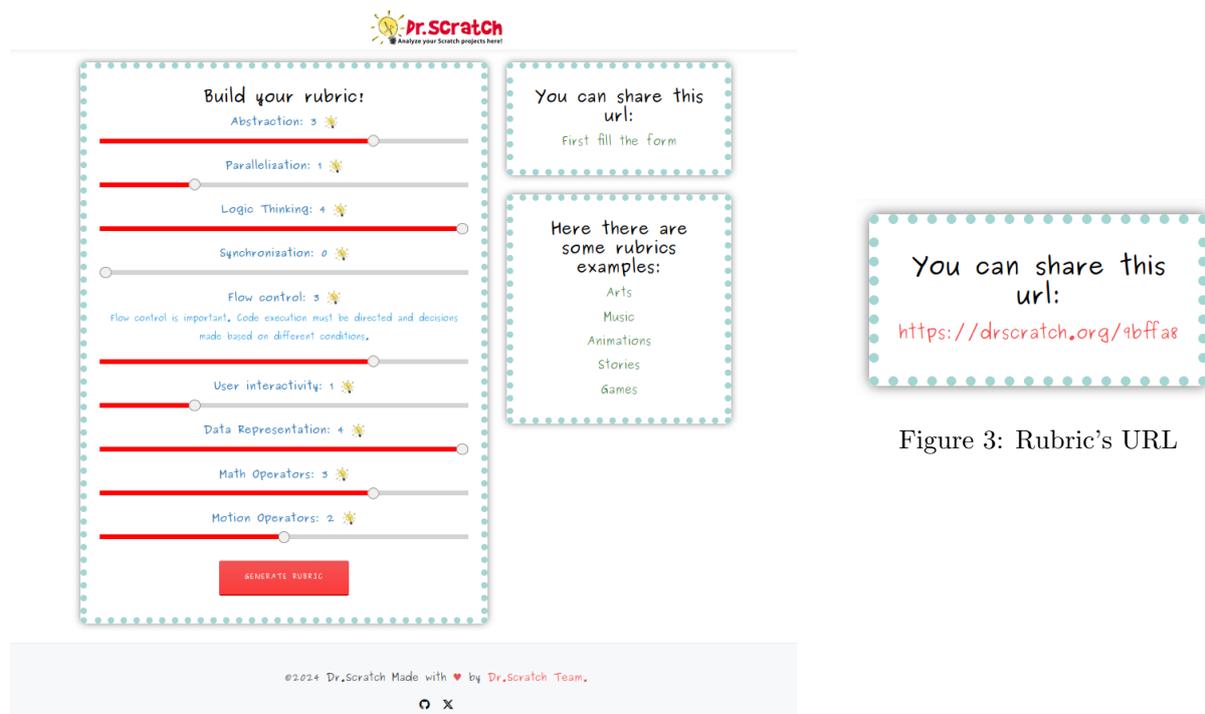


Figure 3: Rubric's URL

Figure 2: Rubric Creator Page

Finally, the last step is to upload your project. For that you only will need to write the URL from your Personal Rubric (Figure 3) in your browser in order to access to the Project Up-loader Page (Figure 4), where you can upload your project and see its evaluation with the rubric that you have created (Figure 5).

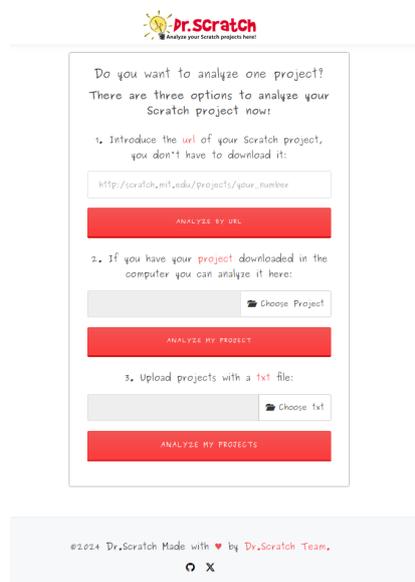


Figure 4: Project Up-loader Page

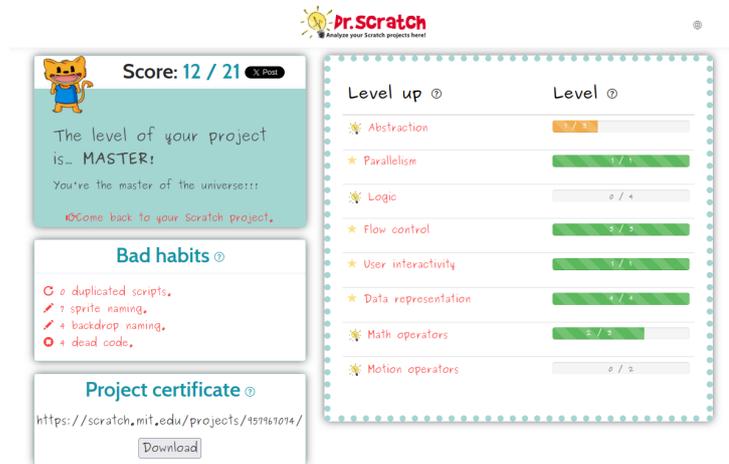


Figure 5: Project's Evaluation