



DIGEST EDU

PROIECT REALIZAT DE:
-SVÎRNEI COSMIN
-PALADI SEBASTIAN
-TIGANAȘ DRAGOȘ

DESPRE DIGEST EDU

DigestEdu este o aplicație concepută pentru simplificarea procesului de învățămînt și pentru motivarea elevilor cu ajutorul AI-lui.

1

Interfață ultra-simplă pentru profesori (doar două câmpuri obligatorii)

2

Generarea automată, cu AI, a unui Sumar Săptămânal Sintetizat pentru elevi și părinți, bazat pe conținutul încărcat

3

Mecanisme de motivare care includ eliminarea întrebărilor repetitive către profesor și presiunea constructivă prin dezactivarea sumarului AI în caz de neîncărcare

4

Asigurarea unei accesibilități și utilități ridicate (navigare de la tastatură, contrast înalt, compatibilitate multi-platformă) pentru toți utilizatorii.

CINE VA ACCESA ACEASTĂ APLICAȚIE

Pentru școli rurale

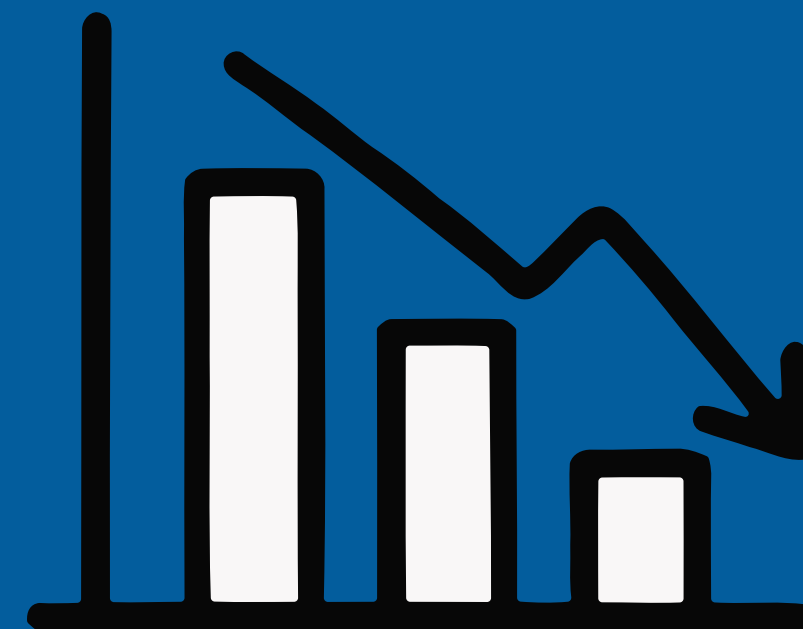
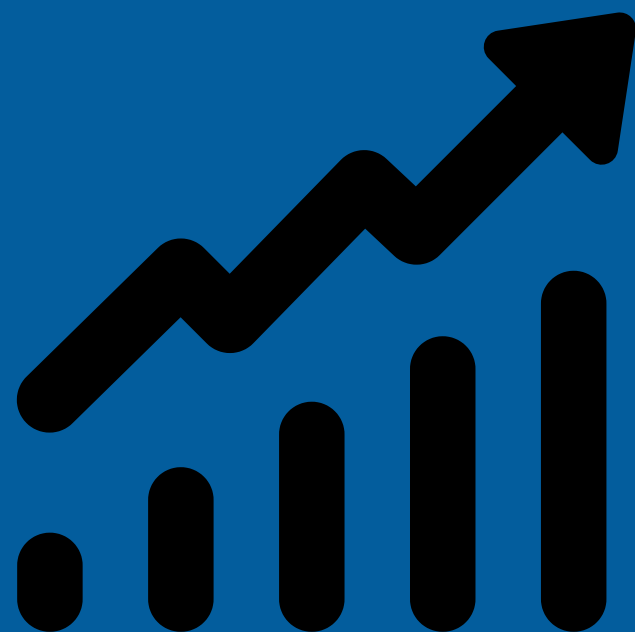
Părinți

Elevii



AVANTAJE ȘI DEZAVANTAJE

- Sinteza inteligentă și personalizată
- Economie de timp pentru profesor
- Centralizarea materialului
- Dependența totală de consistența profesorilor
- Perceperea ca sarcină suplimentară
- Costurile sesiunilor de training a profesorilor



MULȚUMIM PENTRU ATENȚIE



To exit full screen, press **Esc**

DIGIEDUHACK SOLUTION CANVAS

Title of the solution:

DigestEdu

Team name:

OSCD TEAM

Challenge addressed:

Digital Co-creation-Designing Tomorrow's Lesson, Teacher-Student Partnership

Challenge category:

Learning Spaces and Pedagogies

Background of the team:

(multiple selections possible in case of mixed teams)

Higher Education Students

Researchers

Professionals

Teachers

Primary School Students

Secondary School Students

Others (please specify)

Secondary School Students

Solution description

What is the final product/service/tool/activity you're proposing? What are its main elements, technologies and objectives? Could you please include a brief implementation plan with some key overall milestones, resources required and eventual barriers foreseen?

How could your solution be used to enhance digital education nowadays? How could its success be measured?

The final product is the DigestEdu, a web-based Lesson and Assignment Management Tool built on the Teacher-Student partnership model that uses AI to summarize the resources uploaded by teacher. Its main elements include role-based authentication, a weekly lesson input grid (Teacher), class administration, targeted content delivery, interactive resources, and a weekly summary feature. The technology used is HTML5, serving as the foundational structure for the grid, forms, and resource linking. Objectives are to enhance teacher efficiency, improve student clarity/accessibility, and promote personalization and digital literacy.

Target group

Who is/are the target group/s of your solution and how will they benefit from it? Why is your solution relevant to them? how do you plan to engage these groups so you fully meet their specific needs?

The primary target groups for DigestEdu solution are Teachers and Students. Teachers benefit from Streamlined Content Management and Distribution. The solution is relevant because it eliminates information fragmentation, allowing them to centralize lesson plans, resources, and assignments in one place, which saves time and ensures consistency across classes. Students benefit from Clarity, Accessibility, and Organization. The solution is highly relevant because it reduces information overload by ensuring they only receive content for their specific class. The Weekly Summary and the customizable interface features make digital assignments easier to digest and manage.

Impact

How will your solution catalyse changes in education and what impacts will it have at social and environmental level? Could you provide examples or scenarios illustrating how such changes and impacts might unfold?

The DigestEdu solution will catalyze changes in education by fundamentally restructuring the information flow between teachers and students, moving away from fragmented, multi-channel communication toward a single, organized, student-centric hub. The core change is the shift from a passive, fragmented information consumption model to an active, organized information management model for students, while creating operational efficiency for teachers. This effect will lead to the standardization of digital communication; for example, where a student currently wastes 30 minutes compiling scattered assignments, they will use the Weekly Summary dashboard to get a consolidated list in 30 seconds, allowing them to focus on learning rather than managing digital clutter.

Context

What is the current or future problem you're trying to solve? How does your solution align with DigEdHack 2025 annual theme?

How does your solution confront the challenge posed by the hackathon organiser and how does it address the challenge category?

The current and future problem that the DigestEdu solution aims to solve is the Fragmentation and Information Overload in Digital Resource and Assignment Management. Currently, communicating assignments, links, and resources happens across too many channels (email, various group chats, LMS platforms), causing confusion for students and increasing the workload for teachers. This environment fosters "digital anxiety" and hinders students' ability to organize their time effectively due to dispersed information sources. The solution addresses this by creating a "Single Source of Truth"—a personalized platform that provides a clear weekly summary of tasks, reducing the cognitive effort required for students to filter and manage their learning materials.

Describe it in a tweet

How would you describe your solution in a short catchy way with maximum 280 characters?

Digest information, get education!

Innovativeness

What makes your solution different and original? Are there similar solutions or approaches currently available or implemented by education sector practitioners? If so, why and to what extent is your solution better?

The originality of DigestEdu lies in its focused simplicity and its "co-creation of clarity" approach, distinguishing it sharply from existing solutions. Unlike full Learning Management Systems (LMS) such as Google Classroom, Moodle, or Canvas, which are designed for everything—grading, forums, content hosting, and analytics—our solution is a single-purpose organizational bridge. It deliberately avoids feature bloat to focus solely on the core problem: centralizing fragmented weekly assignments and resources.

Transferability

Can your solution partly or fully be used in other education/learning contexts or disciplines? Could you provide any example?

Yes, DigestEdu solution can be fully or partly utilized in numerous other education and learning contexts due to its core function as a simple, efficient information management system. Its technological simplicity (HTML/JS) and focused objective (reducing fragmentation) make it highly adaptable beyond the classroom setting.

Sustainability

Once you have a prototype, what are your plans for a further development, implementation upscale and replication of the solution? How do you see it working in the mid- and long term?

The Vision sees DigestEdu as a widely adopted, open-standard solution across the target country. It would not aim to replace full-featured LMS systems but instead become the required data visualization layer for students, fully integrated with national digital education frameworks. The Long-Term Vision (5+ Years) shifts the focus to advanced personalization and international expansion. The consolidated data foundation would allow for the future integration of simple AI features, such as analyzing a student's schedule to suggest optimal study times or flag heavy workloads.

Team work

Present the members of your team.

Why are you the perfect team to develop this work and what are the competencies you all bring in so the solution is developed successfully? What is your expertise within the thematic field concerned? Are you planning to continue working as a team in the future? If so, why?

Sebastian-programming,ideas
Cosmin-programming,ideas
Dragos-structurizing the presentation,ideas.



European
Commission