



1001 STORIA

PIETRO VALENTE - GUIDO BORDONARO - ELISA MANZONI

MULTIDISCIPLINARY PROJECT - 2021/2022



THE PROJECT

The image shows two screenshots of the 1001Stories platform. The top screenshot displays the 'Your Stories' dashboard with a search bar, a 'Create a new story' button, and a table listing three stories: 'La vita a Milano Romana alla fine del IV sec. d.C.', 'Theodelinda: first Queen of Italy', and 'Amin'. The bottom screenshot shows a detailed view of the first story, featuring a navigation bar, a title 'La vita a Milano Romana alla fine del I...', a summary section titled 'Introduzione' with a list of characters, a large video player placeholder, and a timeline at the bottom.

Your Stories

Title Create a new story

Title	Cluster	Locked	Action
La vita a Milano Romana alla fine del IV sec. d.C.	No	Edit	Delete
Theodelinda: first Queen of Italy	No	Edit	Delete
Amin	No	Edit	Delete

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Home Clusters Users Stories super@user.com Logout

La vita a Milano Romana alla fine del I... ↗

Introduzione

- ⊕ Un alto funzionario: Flavio Ma...
- ⊕ Una matrona: Vinicia Tertullin...
- ⊕ Un liberto: Manlio Epitteto
- ⊕ Un diacono: Paolo
- ⊕ Un patrizio pagano: Gaio Novel...
- ⊕ Conclusione

⊕ Add element

caption caption caption caption caption Duration: 2:48

8 s 10 s 10 s 10 s 10 s

WHAT IS 1001STORIES?

Tool that supports a nation-wide competition for schools on storytelling

- First version created in 2006

IMPORTANCE OF STORYTELLING

- Interaction with classmates, ability to work in a group
- Artistic / creative skills development
- Working towards a collective ultimate goal





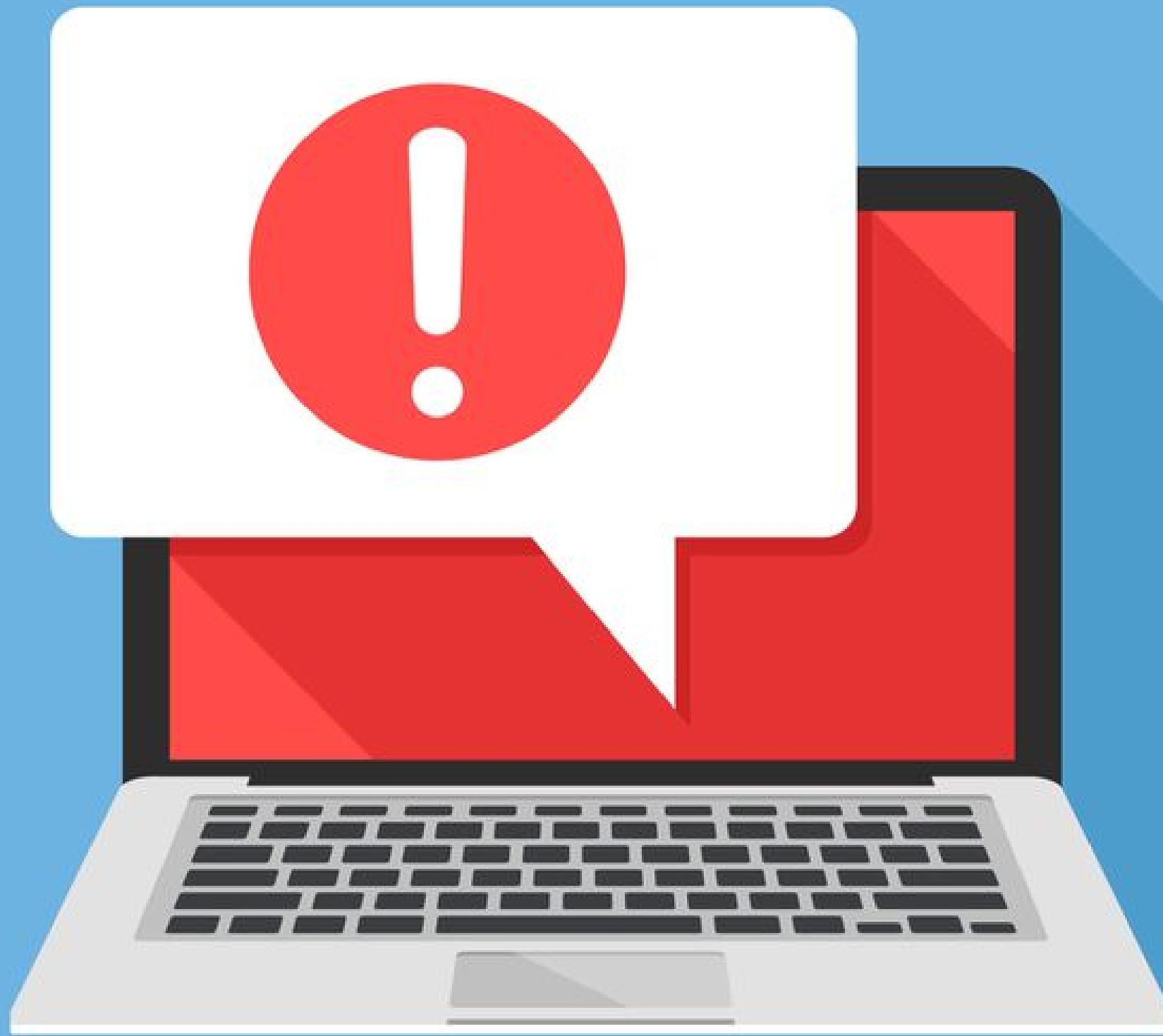
NUMBERS

Involved:

- More than 42 000 students
(age between 5 and 18 years)
- 3 400 teachers
- 18 cities

PROBLEMS

- Over the years several versions with improvements have been developed
- The latest version has some bugs and usability issues



The background features a cluster of overlapping dark teal circles of varying sizes, centered on the left side of the slide.

OUR TASK



IMPROVE THE PROJECT

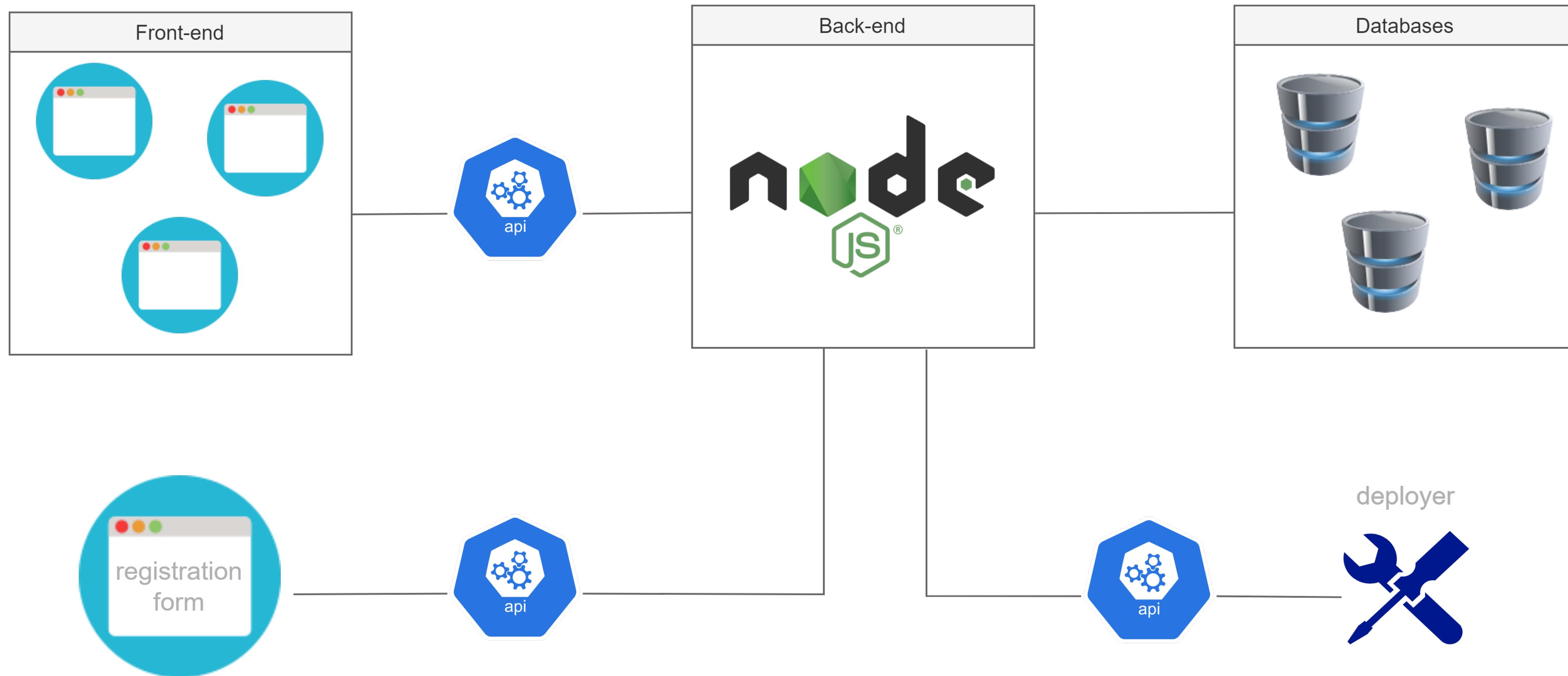
Main features:

- Bug fixes
- Improve UX and UI

Smaller details:

- Implement / modify the required functionalities
- Identify possible improvements

GENERAL OVERVIEW OF THE STRUCTURE



OUR TEAM



PIETRO VALENTE
THE MANAGER



GUIDO BORDONARO
THE TECHNICIAN



ELISA MANZONI
THE CREATIVE

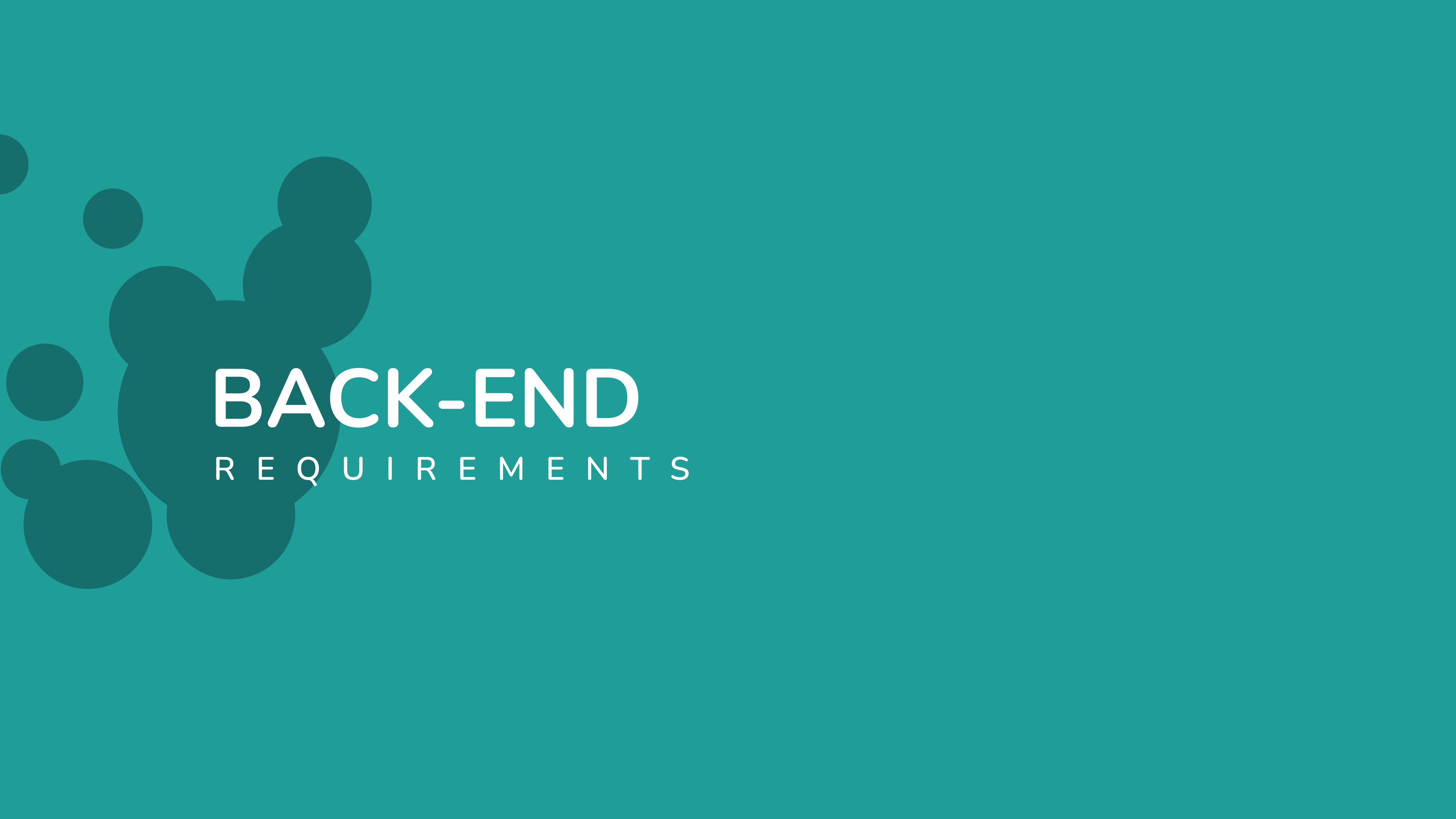
OUR TASKS

**COMPUTER SCIENCE
& ENGINEERING**

Task: back-end

**DIGITAL &
INTERACTION DESIGN**

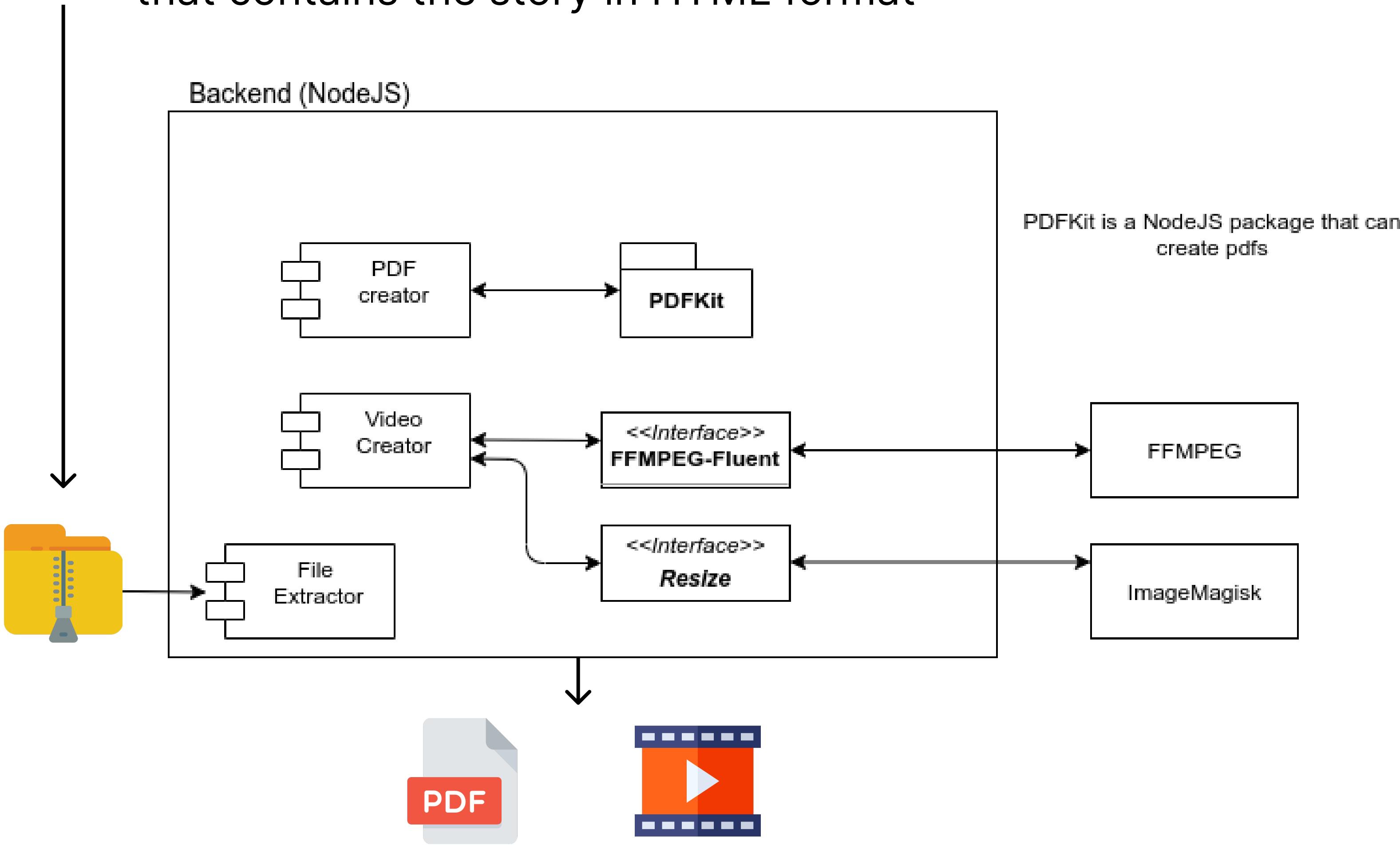
Task: front-end



BACK-END

R E Q U I R E M E N T S

The web Editor produces a .zip file
that contains the story in HTML format



The Deployer will output the story
in both PDF and video format

USED TECHNOLOGY

- JavaScript
- Node
- ffmpeg
- ImageMagick
- PDFKit

WHAT TO DO

In the current state the deployer is not operational.

1 - MAKE IT WORK

- Solve current errors
- Make it more user friendly (Improve UI)
- If necessary, a code refactoring to a newer stack of technologies, to reduce incompatibilities across systems

2 - Test performances & Stress Test

- Check parallelization capabilities

The screenshot shows a web page with a dark header bar containing the text "1001Storia" and "Home". Below the header is a file upload form. The form has a dashed rectangular input field labeled "Upload Your File". To the right of the input field are two buttons: "Choose Files" and "No file chosen". Below the input field is a horizontal progress bar. At the bottom of the form is a solid green button labeled "Upload".

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ISCRIZIONE



1. SCUOLA/INSEGNANTI

2. CLASSE

3. COMPLETA

OME SCUOLA

NOME

serire nome esteso dell'istituto

MAIL SCUOLA

email@email.it

PEC

DIRIZZO SCUOLA

PRIMO INSEGNANTE - CONTATTO

NOME

NOME

COGNOME

COGNOME

EMAIL

email@email.it

CONTEST REGISTRATION FORM

- Create a registration form for the Policultura competition
- Interfaces with the API of 1001storia to add users with associated narration
- Save the data in a separate database for personal data

The screenshot shows a user interface for video editing. At the top, there is a dark header bar with navigation links: "Home", "Clusters", "Users", and "Stories". To the right of these are a small Italian flag icon, the email address "super@user.com", and a "Logout" link. Below the header, the main area has a title "Prova" with a blue link icon. On the left, a sidebar contains a list with "Element 0" highlighted in blue, accompanied by a plus sign and a delete icon. Below this is a "Add element" button. The central workspace is titled "Element 0" and contains a large black rectangle with a white circular loading icon in the center. At the bottom of the workspace is a white bar with a play button icon.

FURTHER BUGS TO FIX

- Errors in the functioning of the uploaded videos
- Failure to save the inserted media and the editorial plan (e.g. after a page refresh)



FRONT-END

R E Q U I R E M E N T S

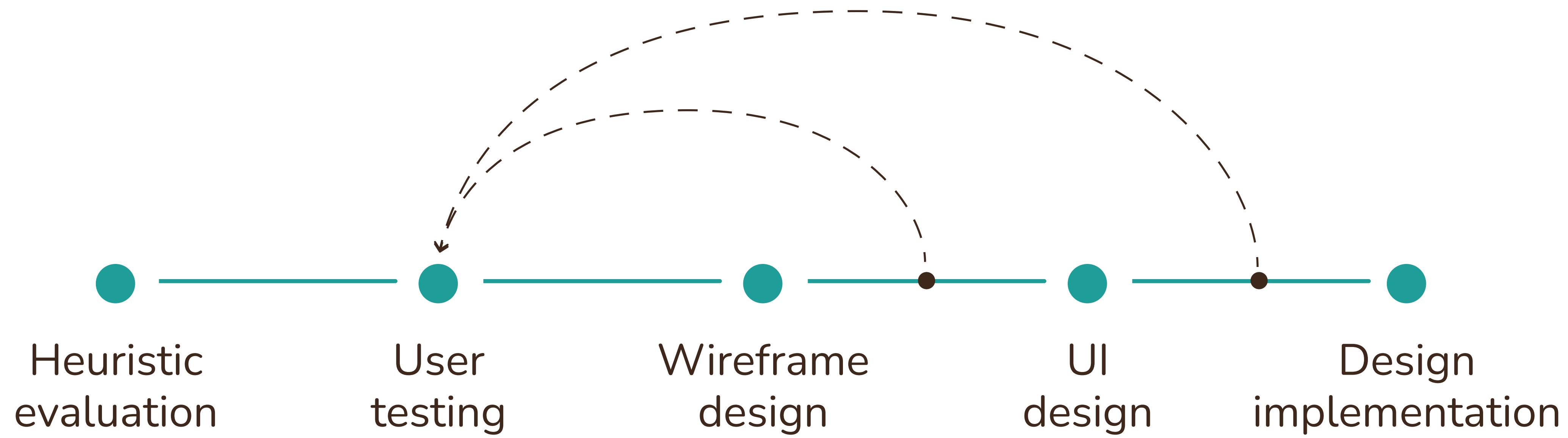
USED TECHNOLOGY

- HTML5
- CSS
- SASS
- JavaScript
- ReactJs
- TypeScript
- AntD
- i18n

REQUIREMENTS

- Improve platform usability
- Improve UX and UI
- Design different templates according to use

ROADMAP



Home Clusters Users Stories

Theodelinda: first Queen of Italy ↗

The Lombards

Why Theodelinda History The Lombards Italy at the time of the conq... Biography The relevance Add element

Written sources about Lombards are scarce

Written They for "Historic" The Duration: 0:40

10 s 10 s 10 s 10 s

Audio: 2.3.mp3 0:00 / 0:39

Normal B I U S " " A A

1 EXTRA PAGES

The series The International Inner Wheel of Monza Credits +

Normal B I U S " " A A

The International Inner Wheel Club of Monza (Italy) PHF has conceived, supported and promoted the realization of the cultural project "Queens of Italy". The goal of this initiative is to create a series of multimedia "narratives" presenting four medieval Italian politically relevant women: Theodelinda, Constance of Hauteville, Eleanor of Arborea, Matilda of Canossa. The narratives will sketch the personalities of these queens, highlighting their political influence and their capacity of dealing as peers with all the most prominent political powers of their time: kings, emperors, princes and popes, with the restless and ever-changing Middle Ages in the background, identifying and studying in depth those themes which, throughout history, they contributed to evolve, both in the short and in the long term.

The historical setting encompasses a national and at the same time international landscape. Indeed, these queens are the protagonists of events rooted in their local contexts, and yet strictly connected to the history of Italy and Europe.

But they were not the only ones: therefore this project aims at inspiring other similar initiatives, to tell the stories of women who made a difference at their time.

Narrated in a vivid and engaging style, and relying on the authoritativeness and passion of the scholars involved in the historical reconstruction of the events, the multimedia narratives produced by HOC-LAB of Politecnico di Milano effectively respond to the need of valorizing, communicating, and promoting this cultural initiative.

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Facebook YouTube Twitter Email

HEURISTIC EVALUATION

Study the current interface and independently analyse existing user experience problems.

Such as:

- 1 Absence of helping tools to guide the user
- 2 Non-compliance with certain standards (ambiguous interactions)
- 3 No system status visibility

MISSIONE

Imagine that you want to add a new chapter to your story.

Please could you show what you would do to get there?

DOMANDA

Do you have any final thoughts on what you saw today?

Scrivi qui la tua risposta

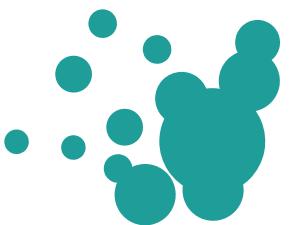
Iniziamo

USER TESTING

Test the platform on a sample of possible users and ask for some feedbacks.

Such as:

- Ask to perform some tasks and record the usage
- Ask to evaluate the whole experience
- Ask about critical points



1

Theodebinda: first Queen of Italy ↗

The Lombards

- Why Theodelinda
- History
 - The Lombards
 - Italy at the time of the conq...
- Biography
- The relevance
- Add element

Written sources about Lombards are scarce

Written 10 s They fo... 10 s Histori... 10 s They w... 10 s Duration: 0:40

Written sources about Lombards are scarce: the best one, the "Historia Langobardorum" by Paul the Deacon, was written much later, on the 8th century, based on disputable oral traditions. According to legends, partly confirmed by archeological findings, they probably moved from Scandinavia to Northern Germany around the 1st century BC. They were constantly on the move and would not remain in the same region for more than 40-50 years. Between the 1st and the 4th century, making a number of stops, they reached Pannonia (modern Hungary) where they founded a strong and well organized kingdom. During the war between the Byzantines and the Ostrogoths some Lombard troops descended to Italy, serving as auxiliaries in the Eastern Roman Empire army. Their tales of a rich and weak (from a political and military point of view) country are likely to have stimulated their king Alboin to invade Italy down to the Po valley.

2

DisUguali

SOMMARIO - La nostra avventura

DisUguali 8 passi per essere vicini

POWTOON

0:10 / 1:23

Navigation A

- 1) SOMMARIO
- 2) Suggerimenti da luoghi e popoli del mondo
- 3) SCOPRIRE INSIEME LA BELLEZZA DELLA DIVERSITA'
- 4) CI SCOPRIAMO DisUguali
- 5) QUANDO MANCA LA RELAZIONE
- 6) GUARDARE E VEDERE I VOLTI
- 7) Incontriamoci
- 8) COMUNICARE EMPATICAMENTE
- 9) FILASTROCCA DA NON SCORDARE

<< < > >>

CREDITI PROGETTO DIDATTICO ABSTRACT

WIREFRAME & UI DESIGN

Create an intuitive and coherent interface that reflects the visual identity of the relevant brands.

Considering that:

- “1001 storia” and “Policultura” are 2 independent brands
- “1001 storia” has no brand identity
- A template is needed both for the editing (1) and for the distribution (2)

The screenshot shows the Ant Design Components Overview page. The left sidebar lists categories: General, Button, Icon, Typography, Layout, Divider, Grid, Layout, Space, Navigation, Affix, Breadcrumb, Dropdown, Menu, PageHeader, and Pagination. The main content area is divided into sections: General (with sub-sections Button, Icon, Typography), Layout (with sub-sections Divider, Grid, Layout, Space), Navigation (with sub-sections Affix, Breadcrumb, Dropdown, Menu, PageHeader, Pagination), and Data Entry (with sub-sections AutoComplete, Checkbox, Cascader, DatePicker, Form, InputNumber, Input, and Mentions). Each section contains a grid of component cards.

DESIGN IMPLEMENTATION

Implement the design into the existing platform using the programming languages already in use.

Such as:

- HTML, CSS and JavaScript
- React.js and Ant Design



READY TO COMPLETE
THE LAST MILE! 

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