



DESIGNING
FOR PERSONALIZATION
AND INCLUSION
WITH TECHNOLOGY



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Erasmus+ Programme
of the European Union

Deliverable IO1-A2 The Depit APP Guidelines

Developed by Infactory with the
methodological support of University of Macerata

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MAIN FEATURES.

1. **The possibility of carrying out an educational path.** Using the Google Chrome for Windows / Mac application (or alternatively a desktop application implemented with Electron technology), the teacher can **create three related structures**: that of the **curriculum** whose hubs are the modules, that of the individual modules whose hubs are the **lessons** and that of the individual lessons whose hubs are the **activities**. The structure is defined Graphic Organiser as it provides a clear view of the organisation of the **educational path**. In addition to the title, each hub may contain some pedagogic - educational indications: purposes and goals, schedules, notes. The activity hubs, found in the lessons, will also include indications concerning **homework: deadlines, links** to reference materials, links to digital online material.

2. **The insertion of teaching materials, which may be of two types:**

1. **files produced by teachers and students** which can be uploaded to Cloud through the Google Chrome application for Windows/Mac Desktop (or alternatively a desktop application with Electron technology)
2. **links to online material** (e.g. videos on YouTube). Materials belonging to the first type can be downloaded and displayed offline on PC and Tablet.

3. **Personalising the educational path.** The teacher must be able to:

1. **plan a learning path.** The path is a succession of activities and has bifurcations. In some phases, more than one task must be carried out within the same time range by different groups of students;
2. **assigning specific activities to individual students.** Parallel activities can be differentiated, as the case may be, by language or media or level of detail or content, and they provide a personalised learning path e.g. for students with learning disabilities, with different skills (such as linguistic ones) or with different learning times or interests.

CLIENT APP: TECHNICAL FEATURES.

1. **Multi - platform compatibility.** A multi - platform operation. The application to be used by teachers and students must be compatible with **desktop** systems (Windows and Mac) and with **tablet (Android and IOS)**.
2. **Online and offline operation.** The application must allow viewing the paths and **material inserted by the teacher** even in an **offline mode**. Materials which are connected via web links may only be displayed when there is an Internet connection. *(the Desktop and Tablet app, have to allow the user to download one or more lessons. All materials (files) will be stored offline on the device (PC, Mac, Tablet).)*
3. **Insertion of material.** Insertion of material. It must be possible to connect materials through **links** (e.g. links to YouTube videos, PDFs on scribd, etc.) and to display them for all versions of the application (Desktop and Tablet). The **Desktop** application will allow entering **(uploading) files** via simple drag and drop mechanisms and uploading them **to the Cloud system**. Uploading files to Cloud requires an Internet connection.

Roles.

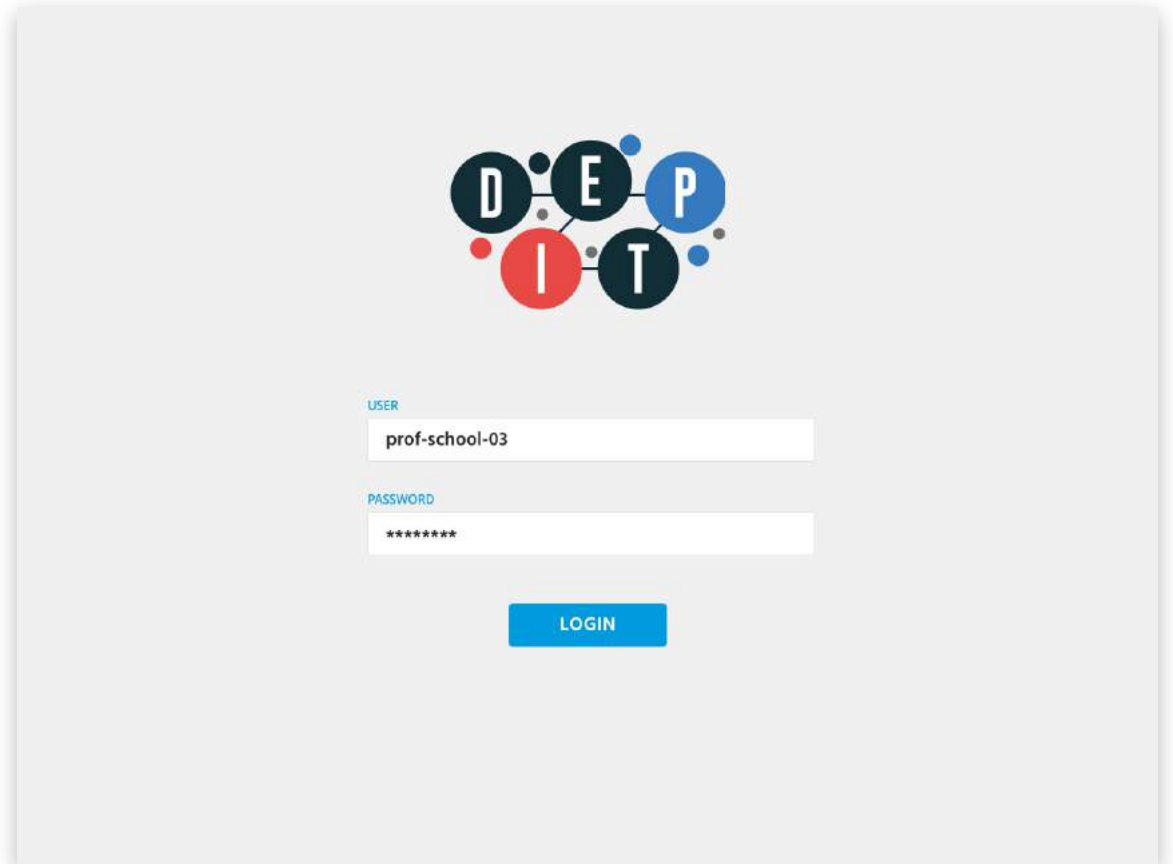
- Administrator
- Teacher (author of the map and materials)
- Teacher (reader teacher of other classes that want to show materials from an other author; he can see all the hidden fields (for the students) and lock/unlock all the cards.
- Student (can see only not private content and the unlocked cards)

App structure & **interface design**

DEPIT LOGIN.

The **first beta** version will have only user and password fields.

In a **second phase** will be more option in account manager (forgot password, reset password, etc.)

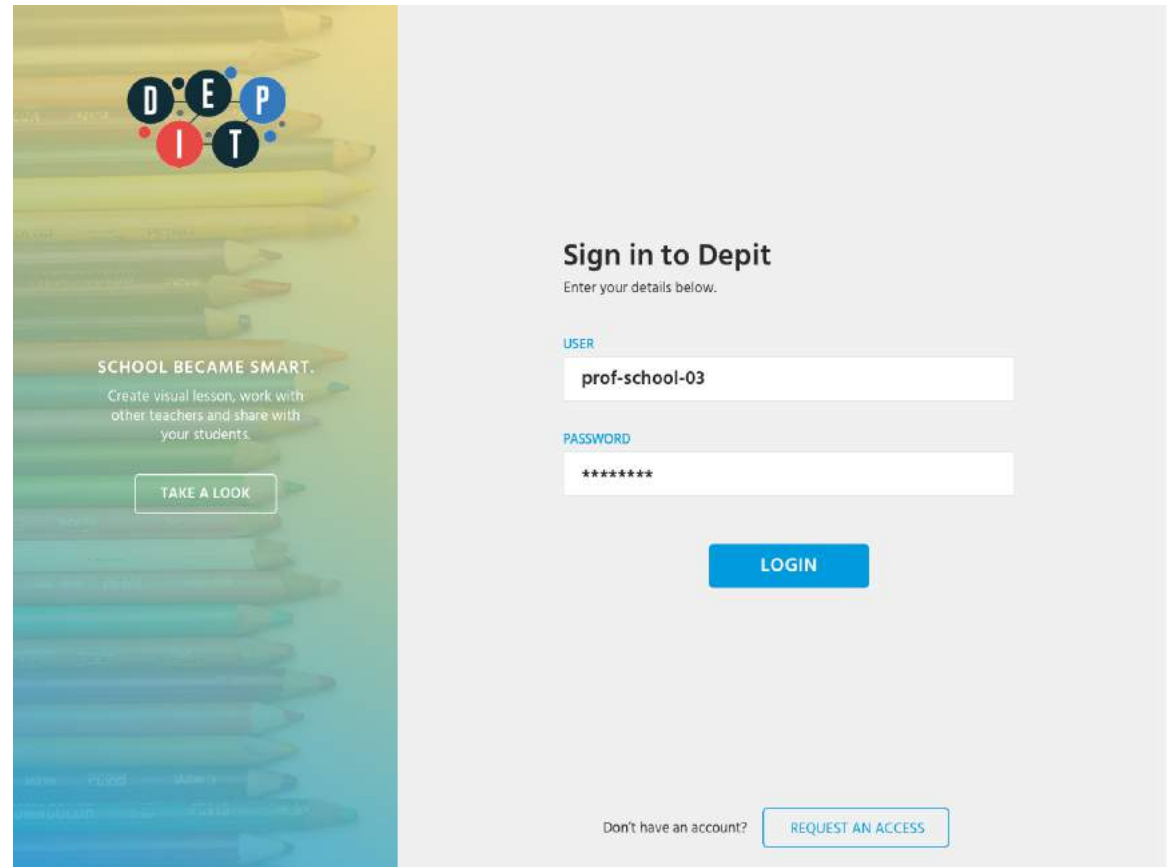


DEPIT

LOGIN, phase 2.

The **first screen** will show the file to Sing In in Depit, if you don't have an access yet it will be possible go to "Request an access".

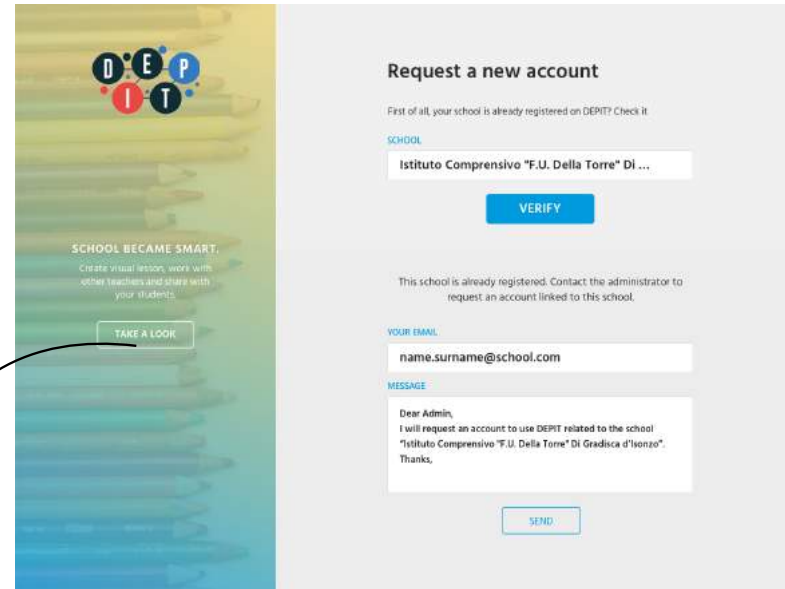
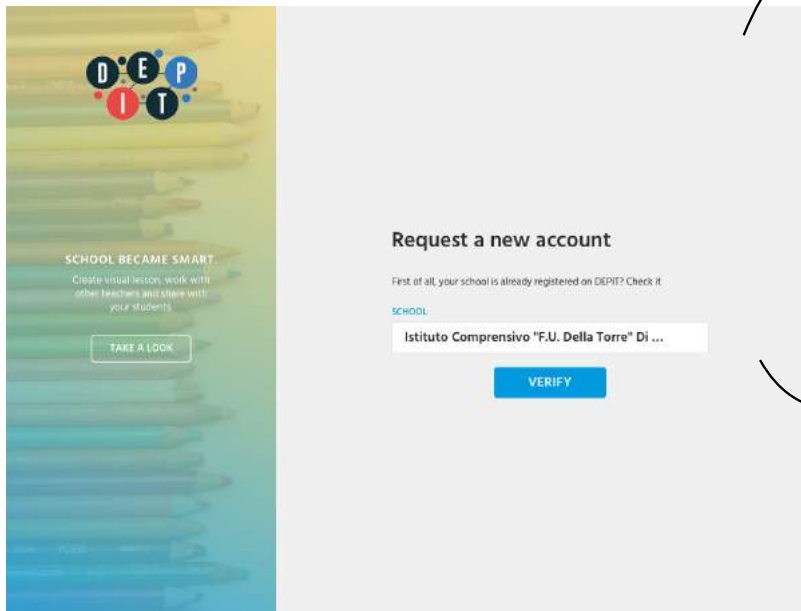
The left band will remain to host the logo and any further information on DEPIT.



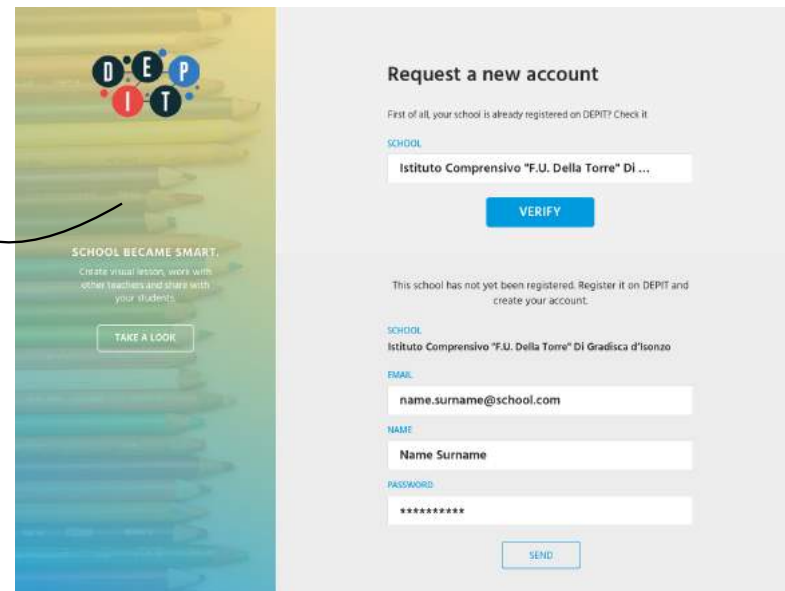
DEPIT

LOGIN, phase 2.

Going to "Request an access" the first step is check if the school is already registered on Depit.



School already registered: contact the administrator.

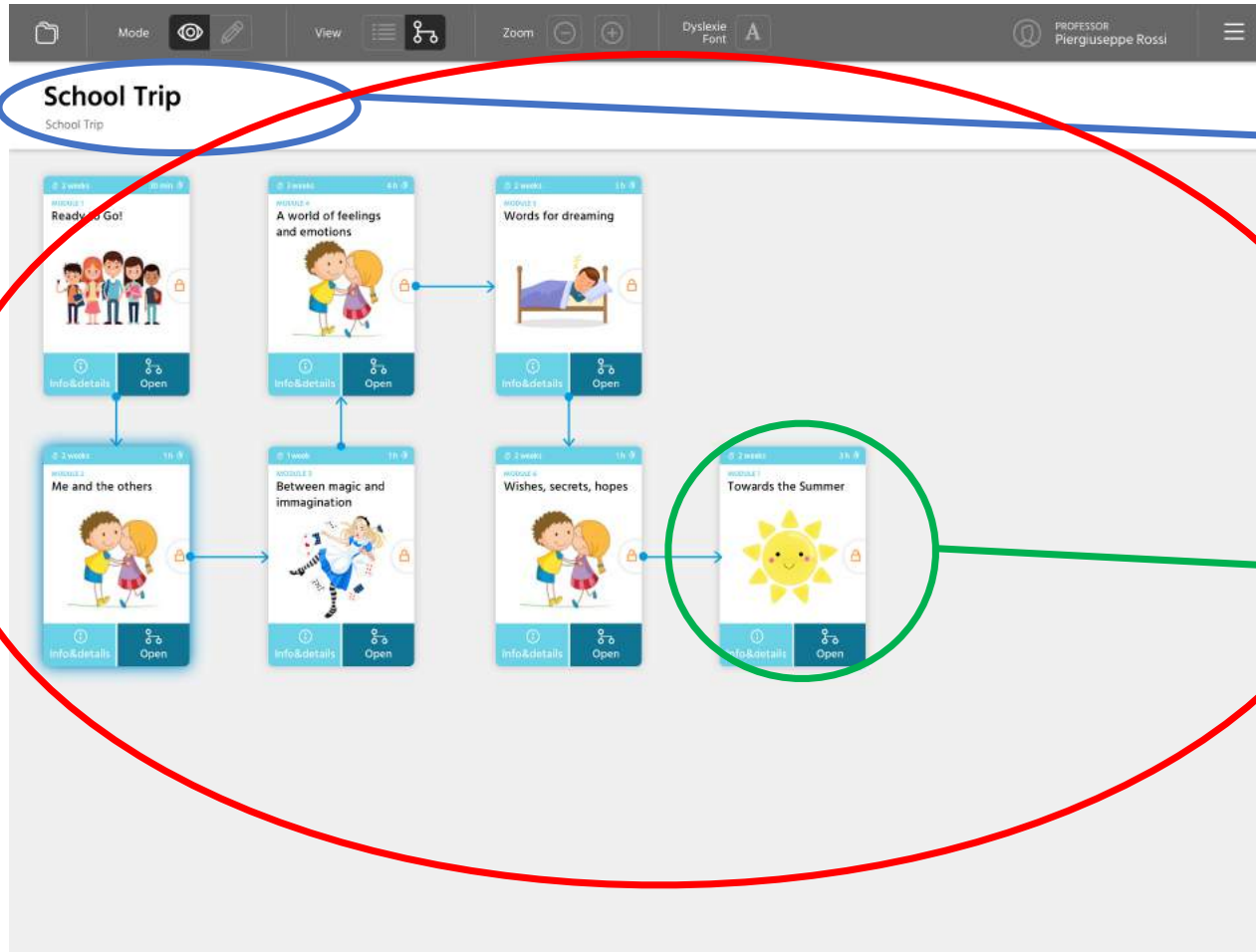


School not yet registered: register the school and became the administrator.

DEPIT

GENERAL STRUCTURE.

Depit App



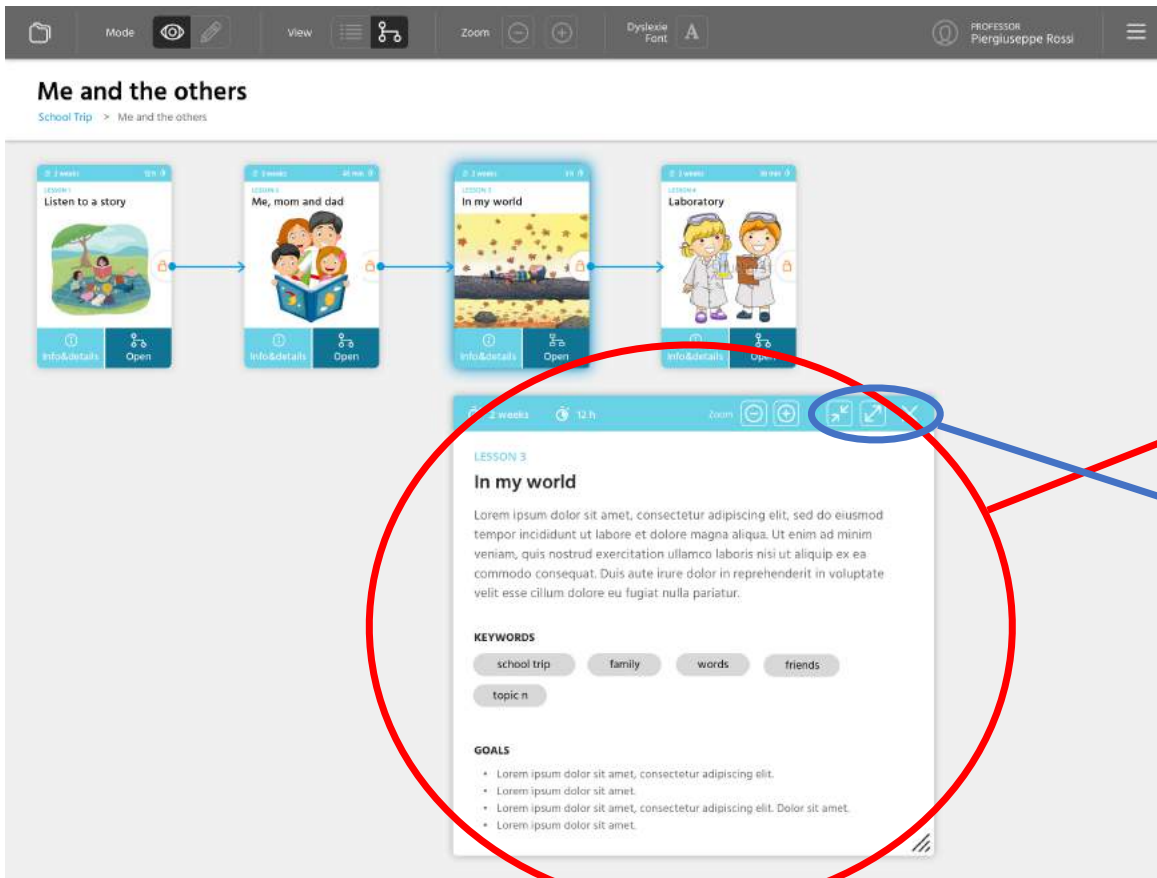
Title

Maps

Node/CARD

DEPIT

GENERAL STRUCTURE.



FORM or **pop-up**.
They open up when you click a button
in the **NODES**.

It is a moveable pop-up.

It includes **X** for closing the form, and
a button for expanding (fullscreen) the
FORM.

DEPIT LEVELS.

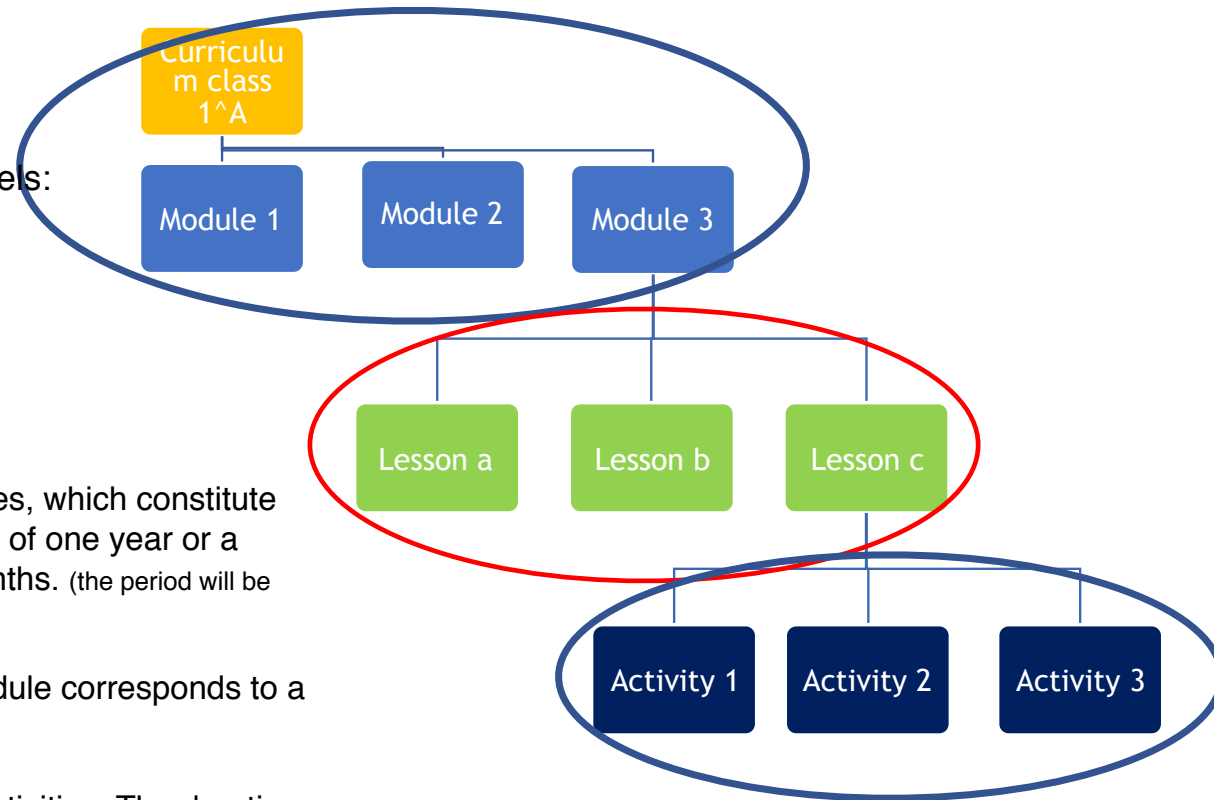
The APP must allow to move on various levels:

Level 1. **Curriculum** with modules

Level 2. **Modules** with lessons

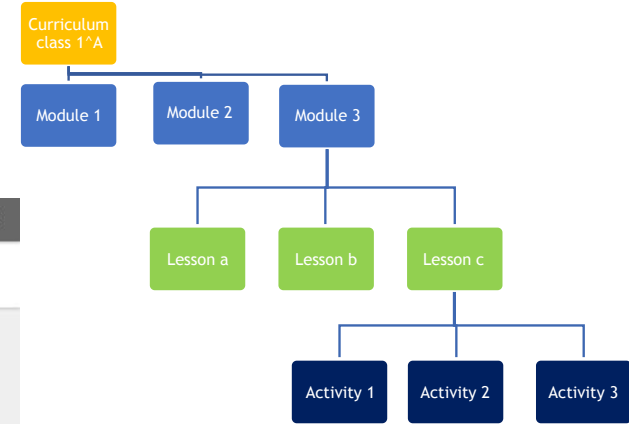
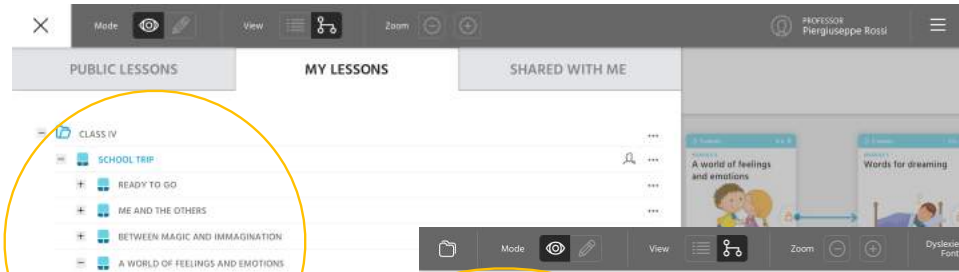
Level 3. **Lessons** with activities

1. The **curriculum** is made of a set of modules, which constitute the first level. It can correspond to a period of one year or a semester. More rarely two years or six months. (the period will be freely set by the designer)
2. Each **module** is made of lessons. The module corresponds to a period of several weeks.
3. Each **lesson / work session** is made of activities. The duration in hrs and mins (Project work, for example, could be designed as a few hours a week for 10 weeks)

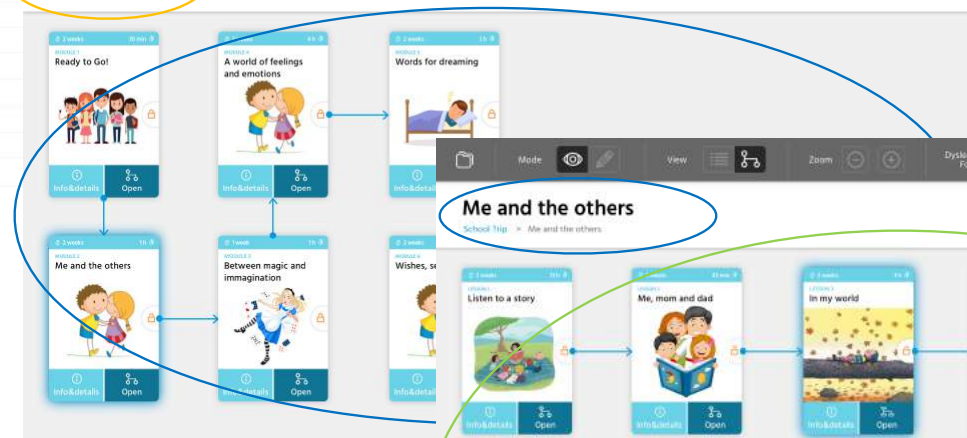


Curriculum

Depit App

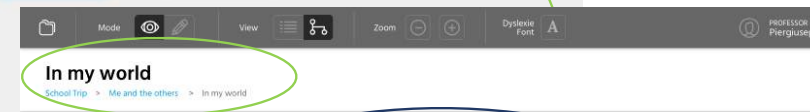


School Trip



Me and the others

Curriculum with modules



In my world

Modules with lessons



Lessons with Activities

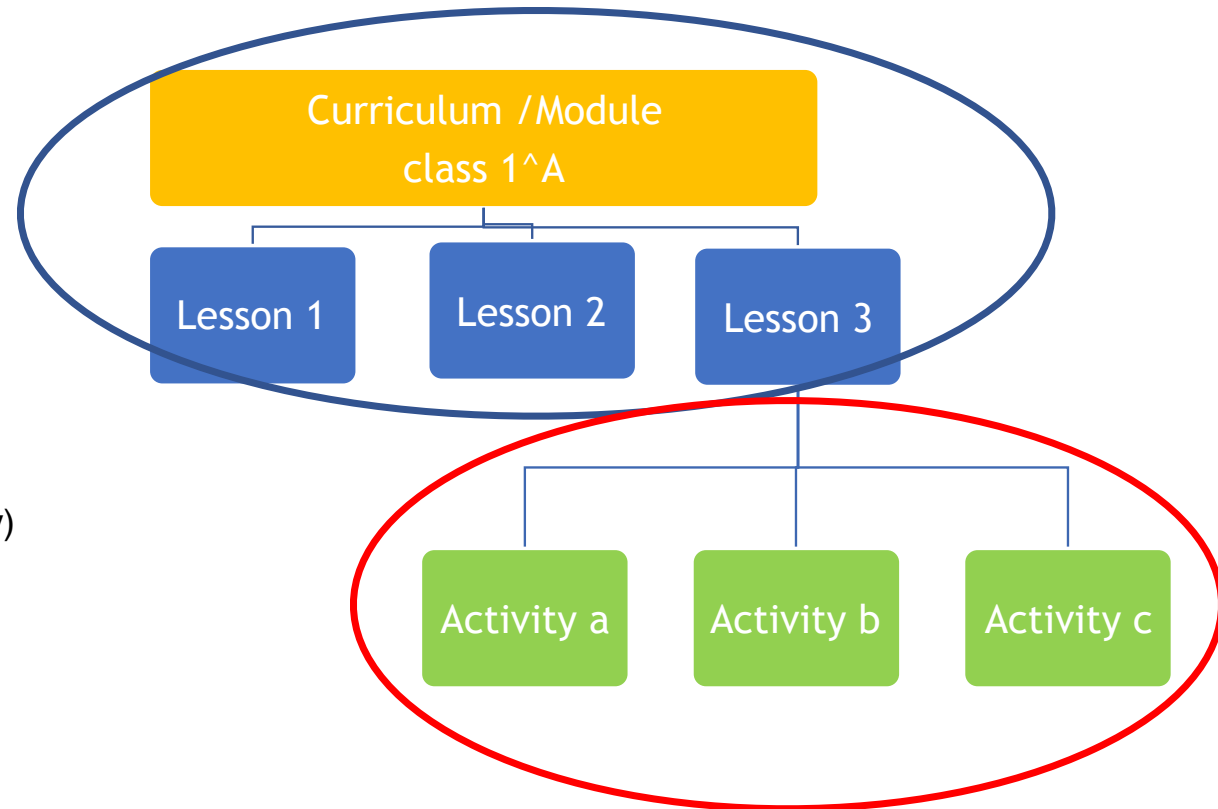
DEPIT

LEVELS – SPECIFIC CASE.

In some cases one or two levels can be enough.

For example the case of a very brief pathway, similar to a module or a subject with only a few hours per year.

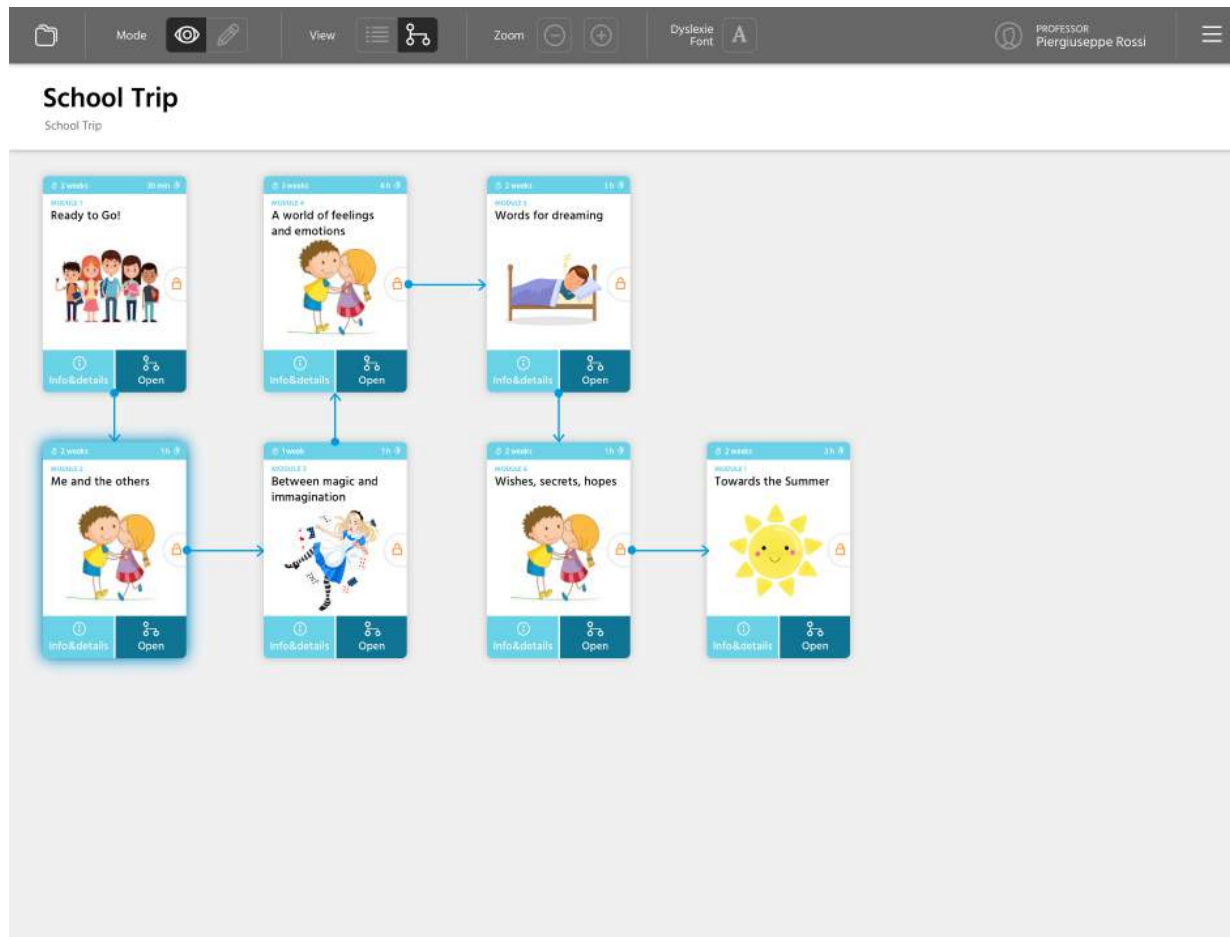
The number of the levels can be free, respecting the type of objects already defined (curriculum, module, lesson, activity)



DEPIT

CURRICULUM AND MODULE MAP.

Both levels Curriculum and Module have the same structure



The **FORM** of Curriculum and Module levels includes the following fields:

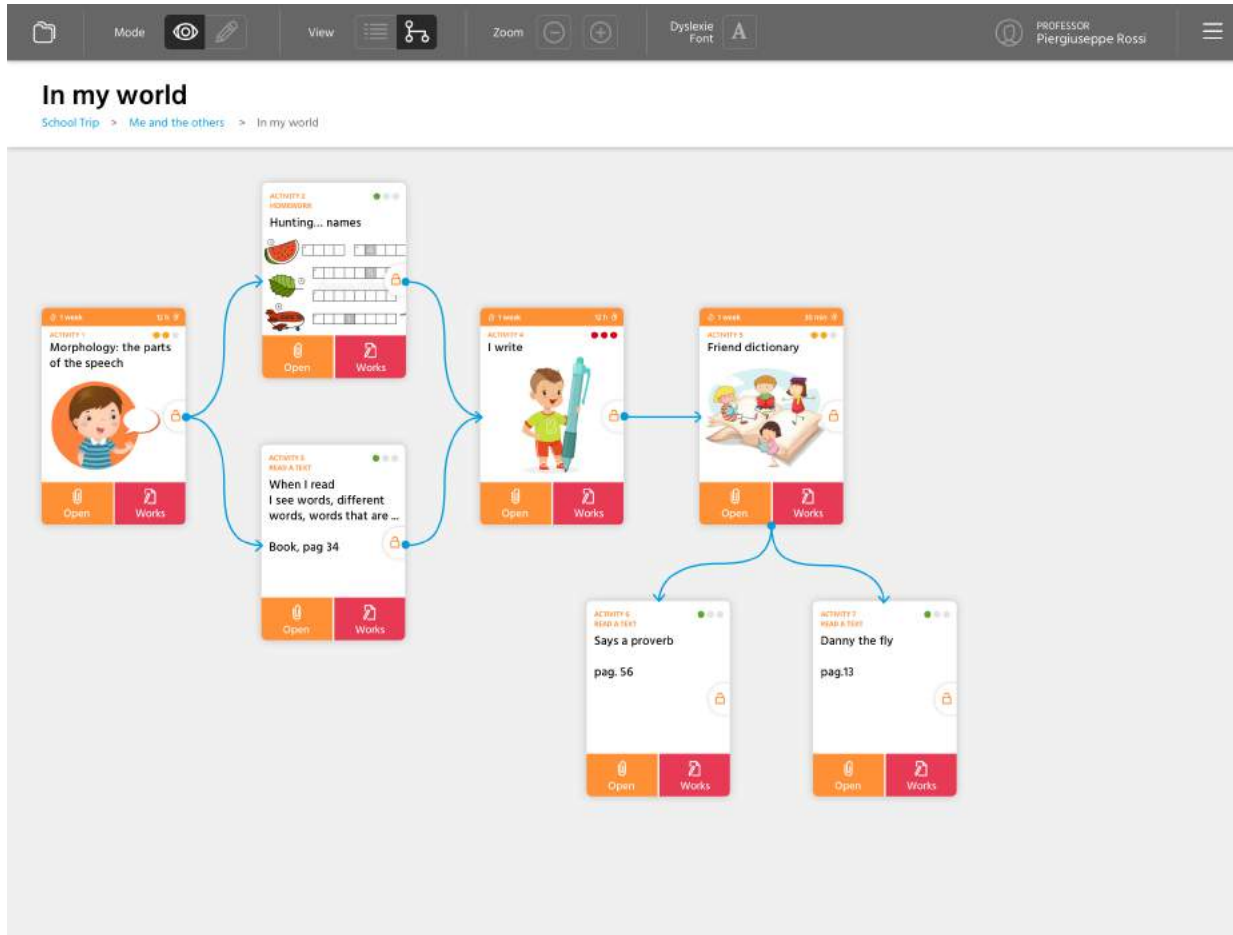
- **Title** (the same appearing automatically in the map's node)
- **Topic** (keywords).
- **Learning time + elapsed time** (same of CARD)
- **Description**
- **Objectives** and competencies (to be put in each level)
- [Empty field with teacher's **initial notes**]
- [Empty field with teacher's **final notes**]

(Fields reserved for teachers only must not be visible when the teacher presents the material in the classroom to the students and should not be visible to the students when they access the material)

DEPIT

LESSON MAP.

Is the most complicated one, because it includes activities and materials.



The **FORM** includes the following fields (filling all the fields is not mandatory):

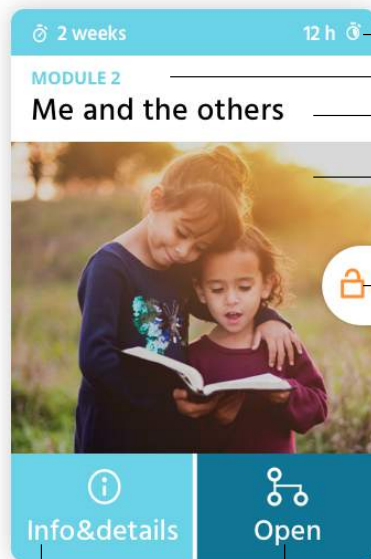
- **Title** (the same appearing in the map's node).
- **Learning time + elapsed time** (same of CARD)
- **Type of activity** (Learning Through ...).
- **Work organisation** as class, group, student.
- **Description** and assignments.
- **Topics** (keywords).
- **Objectives/competencies**.
- [Empty field with teacher's **initial notes**]
- [Empty field with teacher's **final notes**]
- **Link n** – Material n to be used in the class (Resources 'attached' as urls, or uploaded files).

DEPIT

TYPE of CARDS.

Different colours: **BLUE** for module/Lesson cards (with contain other maps) and **ORANGE** for activity cards (with contain materials/files)

MODULE/LESSON Card

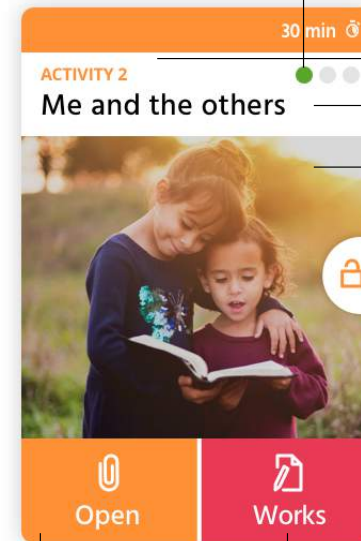


- Learning time + elapsed time (hrs)
- Type of card (module, lesson)
- Title
- Picture
- Lock/unlock button

Open the FORM

Open the MAP
(lower level)

ACTIVITY Card



Level of difficulty

- ● ● LOW
- ● ● MEDIUM
- ● ● HIGH

- Learning time + elapsed time (hrs)
- Type of card (activity)
- Title
- Picture
- Lock/unlock button

Student's work

All the related files (pdf, image, link, text,...)

DEPIT

TYPE of CARDS.

All cards may have a **lock** (only the teacher can lock/unlock the module/lesson); the students can only open the unlocked cards (and then open the forms with the materials).

The **lock prevents any action on the NODES** (teacher can prepare materials for a card without being visible to the students, or more simply we don't want that the student have the chance to open cards that will be used in the future)

MODULE/LESSON Card

ACTIVITY card

FREE Card

The image displays a grid of 12 mobile app cards, organized into three columns and two rows. The columns are labeled 'MODULE/LESSON Card', 'ACTIVITY card', and 'FREE Card'. The rows are labeled 'UNLOCKED,' and 'Locked'.

- UNLOCKED, Row:**
 - MODULE/LESSON Card (Left):** Two cards. The first has a full photo of a woman reading to a child. The second has a white background with a cartoon illustration of two children. Both have a blue header with '2 weeks' and '12 h', and a blue footer with 'Info&details' and 'Open' buttons.
 - ACTIVITY card (Middle):** Two cards. The first has a full photo of a woman reading to a child. The second has a white background with a cartoon illustration of two children. Both have an orange header with '30 min', and an orange footer with 'Open' and 'Works' buttons.
 - FREE Card (Right):** Two cards. The top one has a white background with text: 'ACTIVITY 2 READ A TEXT', 'When I read I see words, different words, words that are ...', and 'Book, pag 34'. The bottom one has a white background with text: 'ACTIVITY 2 HOMEWORK', 'Hunting... names', and a form with three rows of input boxes. Both have an orange footer with 'Open' and 'Works' buttons.
- Locked, Row:**
 - MODULE/LESSON Card (Left):** Two cards, identical in layout to the unlocked version but with a grey background and a lock icon in the top right corner.
 - ACTIVITY card (Middle):** Two cards, identical in layout to the unlocked version but with a grey background and a lock icon in the top right corner.
 - FREE Card (Right):** One card, identical in layout to the unlocked version but with a grey background and a lock icon in the top right corner.

DEPIT

DETAILS
TYPE of FORMS.

Form MODULE and LESSON

Learning time + elapsed time

Expand

Close

MODULE 2

Type of form (module, lesson)

Me and the others

Title

Description

Keywords

Goals

Form ACTIVITY

Learning time + elapsed time

Expand

Close

Level of difficulty

ACTIVITY 2

Type of form (module, lesson)

Morphology: the parts of the speech

Title

Description

Keywords

Goals

Attached files

DEPIT

DETAILS MENU BAR.

The main manu bar is always visible and it consists of the following items:

- **Folders** to access the school, class, lessons, etc.
- **Present/Edit mode** to present the maps and materials or to edit them
- **Map/List view** to view a map or all materials in a more convenient way
- **Zoom**
- **User**
- **menu** to access to settings, user profile, etc.

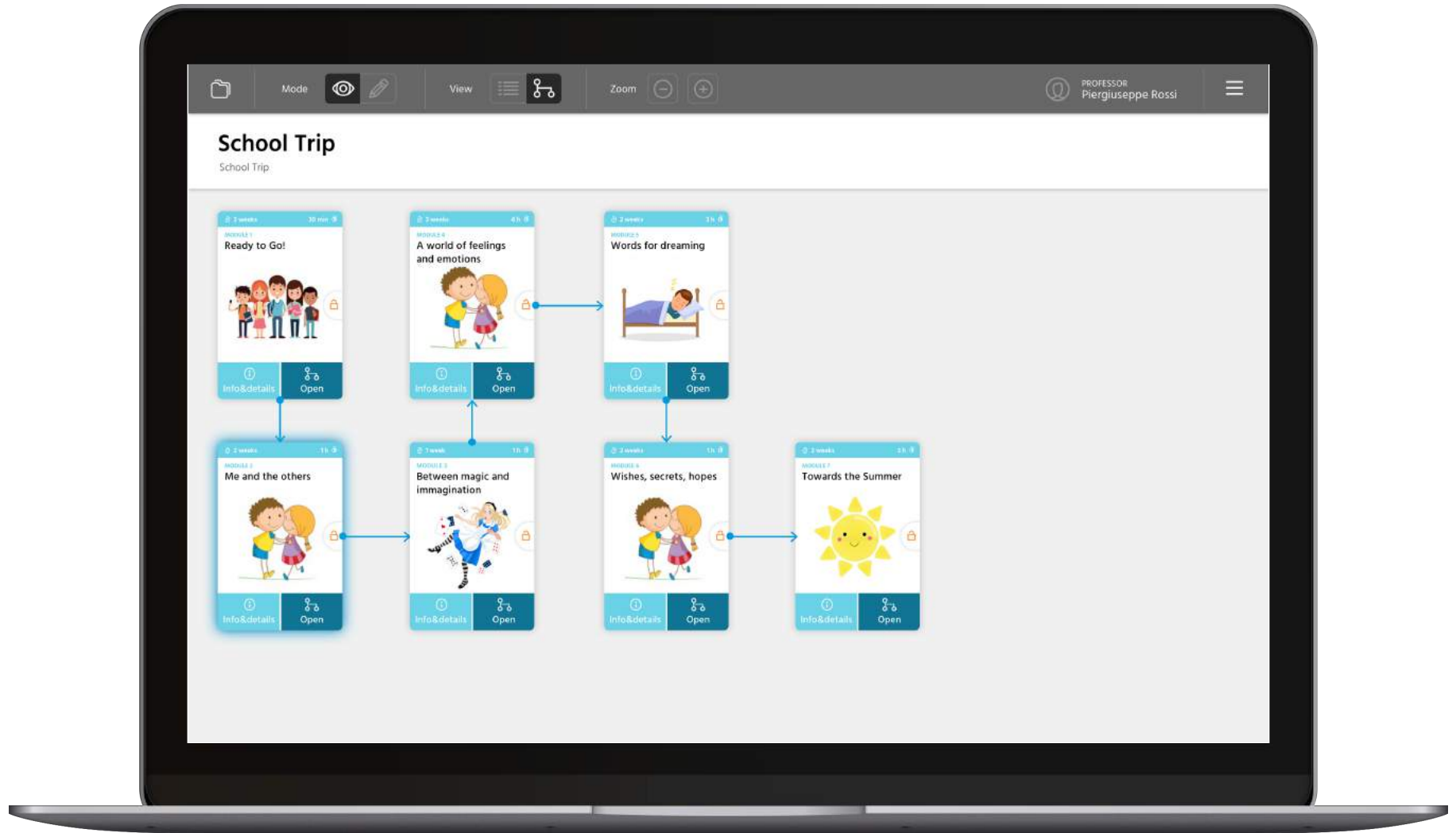
The image displays two examples of the main menu bar in the Depit App, illustrating the difference between Presentation mode and Edit mode.

PRESENTATION mode (Dark Grey Bar):

- Folders:** Folder icon.
- Present/Edit:** Mode selector with icons for Present (eye) and Edit (pencil).
- Map/List:** View selector with icons for List (three lines) and Map (network diagram).
- Zoom IN / OUT:** Zoom controls with minus (-) and plus (+) icons.
- Dyslexie Font:** Font size selector with an 'A' icon.
- Restore online version:** Download icon.
- Save & Sync:** Upload icon.
- User:** User name: PROFESSOR Piergiuseppe Rossi.
- Menu:** Hamburger menu icon.

EDIT mode (Blue Bar):

- Folders:** Folder icon.
- Mode:** Mode selector with icons for Present (eye) and Edit (pencil).
- View:** View selector with icons for List (three lines) and Map (network diagram).
- Zoom:** Zoom controls with minus (-) and plus (+) icons.
- Dyslexie Font:** Font size selector with an 'A' icon.
- Restore online version:** Download icon.
- Save & Sync:** Upload icon.
- User:** User name: PROFESSOR Piergiuseppe Rossi.
- Menu:** Hamburger menu icon.



School Trip
School Trip

Ready to Go! (2 weeks, 10 min)

A world of feelings and emotions (2 weeks, 10 min)

Words for dreaming (2 weeks, 10 min)

Me and the others (2 weeks, 10 min)

Between magic and imagination (2 weeks, 10 min)

Wishes, secrets, hopes (2 weeks, 10 min)

Each card includes 'Info&details' and 'Open' buttons.

Me and the others
School Trip > Me and the others

Listen to a story (2 weeks, 10 min)

Me, mom and dad (2 weeks, 10 min)

In my world (2 weeks, 10 min)

Laboratory (2 weeks, 10 min)

Each card includes 'Info&details' and 'Open' buttons.

In my world
School Trip > Me and the others > In my world

Morphology: the parts of the speech (2 weeks, 10 min)

Hunting... names (ACTIVITY 2: FORMATIVE)

When I read I see words, different words, words that are ... (ACTIVITY 3: INTERMEDIATE) Book, pag 34

I write (ACTIVITY 4: FORMATIVE)

Friend dictionary (ACTIVITY 5: FORMATIVE)

Says a proverb pag. 56 (ACTIVITY 7: FORMATIVE)

Danny the fly pag.13 (ACTIVITY 7: FORMATIVE)

Each card includes 'Works' and 'Attachments' buttons.



DEPIT PRESENTATION MODE.

In the **PRESENTATION** mode, the goal is to present maps/activities/materials to the classroom. Some private fields (like notes) dedicated to the teacher are hidden. The gray neutral color doesn't distract the user attention from the map.

Depit App



The screenshot displays two side-by-side views of the DEPIT app interface for a 'School Trip'.

MAP View (Left): Shows a sequence of seven activity cards connected by blue arrows. Each card has a title, a duration, and an 'Open' button. The cards are:

- Ready to Go! (30 min)
- A world of feelings and emotions (45 min)
- Words for dreaming (15 min)
- Me and the others (11 min)
- Between magic and imagination (16 min)
- Wishes, secrets, hopes (14 min)
- Towards the Summer (24 min)

LIST View (Right): Shows a table of files with columns: FILE NAME, EXPAND ALL, CLOSE ALL, LAST CHANGE, WEIGHT, and ACTION. A search bar is at the top right.

FILE NAME	EXPAND ALL	CLOSE ALL	LAST CHANGE	WEIGHT	ACTION
Ready to Go!			12 gennaio 2018	—	—
Me and the others <small>COPIED FROM: Prof. Mario Bianchi / School Trip / Ready to Go!</small>			9 febbraio 2018	—	—
Listen to a story			17 gennaio 2018	—	⏻
Me, mom and dad			18 gennaio 2018	—	✓
In my world			2 febbraio 2018	—	⏻
Morphology: the parts of the speech <small>COPIED FROM: Prof. Mario Bianchi / School Trip / Italian Lesson / Morphology</small>			2 febbraio 2018	31 MB	⏻
Hunting... names			2 febbraio 2018	31 MB	⏻
When i read			2 febbraio 2018	31 MB	⏻
I write			2 febbraio 2018	31 MB	⏻
Friend dictionary			18 gennaio 2018	67 MB	✓
Says a proverb			9 febbraio 2018	23 MB	⏻
Danny the fly			18 gennaio 2018	67 MB	✓
Laboratory			17 gennaio 2018	—	⏻



DEPIT

PRESENTATION MODE + FORM.

Depit App

The screenshot displays the Depit App interface in two panels. The left panel shows a lesson flow for 'Me and the others' with four cards: 'Listen to a story', 'Me, mom and dad', 'In my world', and 'Laboratory'. The right panel shows a detailed view of the 'In my world' lesson, including a title card, a text block with placeholder text, keywords (morphology, speech), goals, and attachments (The part of the speech, part 1; Look the picture and describe it; Homework). The interface includes a top navigation bar with icons for Mode, View, and Zoom, and a user profile in the top right corner.



DEPIT EDIT MODE.

In the **EDIT** mode, the goal is create/modify maps/materials. The blue color indicates to the teacher that all hidden files are now visible (also to the classroom). More options/controls are visible in this mode to edit the objects.

MAP
LIST

Mode
View
Zoom

PROFESSOR Piergiuseppe Rossi

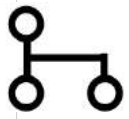
School Trip

School Trip

School Trip

School Trip

FILE NAME	OPEN ALL	CLOSE ALL	LAST CHANGE	WEIGHT	ACTION
Ready to Go!			12 gennaio 2018	—	EDIT FORM
Me and the others <small>COPIED FROM: Prof. Mario Bianchi / School Trip / Ready to Go!</small>			9 febbraio 2018	—	EDIT FORM
Listen to a story			17 gennaio 2018	—	EDIT FORM
Me, mom and dad			18 gennaio 2018	—	EDIT FORM
In my world			2 febbraio 2018	—	EDIT FORM
Morphology: the parts of the speech <small>COPIED FROM: Prof. Mario Bianchi / School Trip / Italian Lesson / Morphology</small>			2 febbraio 2018	31 MB	EDIT FORM
Hunting... names			2 febbraio 2018	31 MB	EDIT FORM
When i read			2 febbraio 2018	31 MB	EDIT FORM
I write			2 febbraio 2018	31 MB	EDIT FORM
Friend dictionary			18 gennaio 2018	67 MB	EDIT FORM
Says a proverb			9 febbraio 2018	23 MB	EDIT FORM
Danny the fly			18 gennaio 2018	67 MB	EDIT FORM
Laboratory			17 gennaio 2018	—	EDIT FORM



DEPIT MAP VIEW.

In the Edit mode, a menu appears on the left. The teacher can use it to insert:

- **cards:** module, lesson, activity or free card
- **Common object:** Text, images, shapes, links

Depit App



The screenshot displays the DEPIT MAP VIEW interface in Edit mode. The interface is divided into two main sections: a left-hand menu and a main map area. The left-hand menu, highlighted with a red box, contains the following options: Card Module, Text, Image, Shape, Video, Link, File, and Trash. The main map area shows a collection of lesson cards for 'School Trip' arranged in a grid. Each card has a title, a duration, and an 'Open' button. The cards are: 'Ready to Go!' (30 min), 'A world of feelings and emotions' (45 min), 'Words for dreaming' (15 min), 'Me and the others' (15 min), 'Between magic and imagination' (15 min), 'Wishes, secrets, hopes' (15 min), and 'Towards the Summer' (25 min). The cards are connected by arrows, indicating a flow or sequence. The top of the interface features a toolbar with icons for Mode, View, and Zoom, and a user profile for 'PROFESSOR Piergiuseppe Rossi'.

DEPIT LIST VIEW.

In the **EDIT** mode and **LIST** view some icons became visible in the **ACTION** column of the list.

- modify the element
- delete
- download
- edit form



School Trip
School Trip

FILE NAME EXPAND ALL CLOSE ALL

- ▶ Ready to Go!
- ▼ Me and the others
COPIED FROM: Prof. Mario Bianchi / School Trip / Ready to Go!
 - ▶ Listen to a story
 - ▶ Me, mom and dad
 - ▼ In my world
 - ▶ Morphology: the parts of the speech
COPIED FROM: Prof. Mario Bianchi / School Trip / Italian Lesson / Morphology
 - ▶ Hunting... names
 - ▶ When i read
 - ▶ I write
 - ▶ Friend dictionary
 - ▶ Says a proverb
 - ▶ Danny the fly
 - ▶ Laboratory

School Trip
School Trip

Search Can work on this map MO PR EF

FILE NAME	OPEN ALL	CLOSE ALL	LAST CHANGE	WEIGHT	ACTION
▶ Ready to Go!			12 gennaio 2018	—	EDIT FORM — ⚙️ 🗑️
▼ Me and the others <small>COPIED FROM: Prof. Mario Bianchi / School Trip / Ready to Go!</small>			9 febbraio 2018	—	EDIT FORM — ⚙️ 🗑️
▶ Listen to a story			17 gennaio 2018	—	EDIT FORM — ⚙️ 🗑️
▶ Me, mom and dad			18 gennaio 2018	—	EDIT FORM — ⚙️ 🗑️
▼ In my world			2 febbraio 2018	—	EDIT FORM — ⚙️ 🗑️
▶ Morphology: the parts of the speech <small>COPIED FROM: Prof. Mario Bianchi / School Trip / Italian Lesson / Morphology</small>			2 febbraio 2018	31 MB	EDIT FORM ⚡ ⚙️ 🗑️
▶ Hunting... names			2 febbraio 2018	31 MB	EDIT FORM ⚡ ⚙️ 🗑️
▶ When i read			2 febbraio 2018	31 MB	EDIT FORM ⚡ ⚙️ 🗑️
▶ I write			2 febbraio 2018	31 MB	EDIT FORM ⚡ ⚙️ 🗑️
▶ Friend dictionary			18 gennaio 2018	67 MB	EDIT FORM ✅ ⚙️ 🗑️
▶ Says a proverb			9 febbraio 2018	23 MB	EDIT FORM ⚡ ⚙️ 🗑️
▶ Danny the fly			18 gennaio 2018	67 MB	EDIT FORM ✅ ⚙️ 🗑️
▶ Laboratory			17 gennaio 2018	—	EDIT FORM ⚙️ +



DEPIT

TREE VIEW FOLDERS, FIRST ACCESS.

The first time, after login, i will see few elements:

PUBLIC LESSONS TAB.

Each account will have by default a main folder (name of the school) and a curriculum (the first map's level).

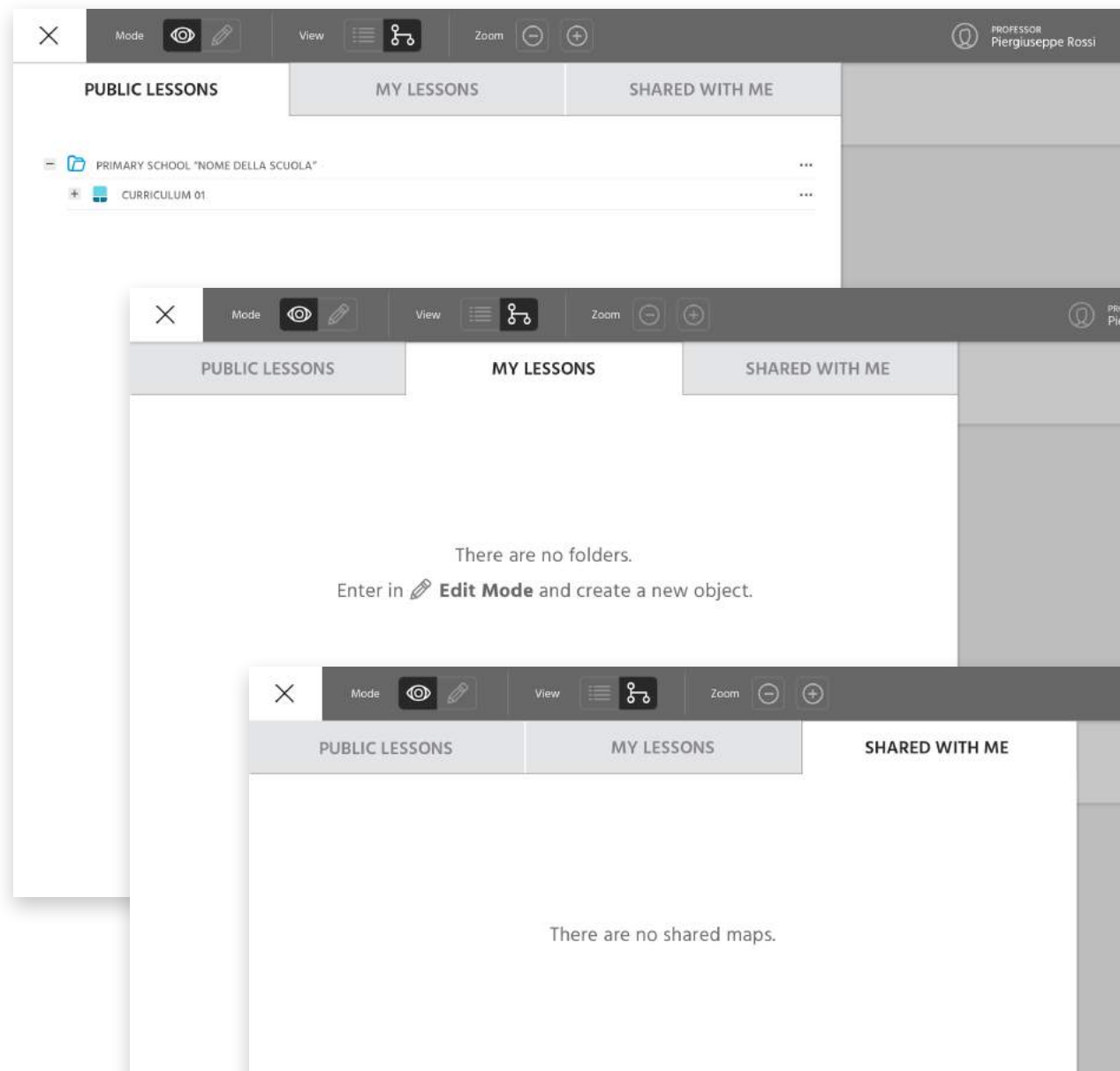
MY LESSON TAB.

Empty, i will have to start create lessons going in EDIT MODE.

SHARED WITH ME.

Empty, no map has been shared with me yet.

When you first log in, the synchronisation process will take longer because the structure of all the maps will be downloaded.





DEPIT TREE VIEW FOLDERS.

Each tab contains materials or lessons. The difference, compared to the "list" view, is the presence of others containers above the maps levels (curriculum, modules, etc.), in other words simple folders that can organise better the material/lessons of the teachers.

Depit App

SIMPLE FOLDER

- PRIMARY SCHOOL "NOME DELLA SCUOLA"
- CLASS IV
 - SCHOOL TRIP
 - READY TO GO
 - ME AND THE OTHERS
 - BETWEEN MAGIC AND IMMAGINATION
 - A WORLD OF FEELINGS AND EMOTIONS
 - WORDS FOR DREAMING
 - WISHES, SECRETS, HOPES
 - ART
 - MATHS
 - SCIENCE
 - CLASS V
 - SECTION A
 - SECTION B
 - SECTION C
 - LABS
 - WISHES, SECRETS, HOPES
 - HOMEWORK
 - EXERCISE 1
 - EXERCISE 2

MAPS (curriculum, models, lessons, activities)

SIMPLE FOLDER

FILE

PUBLIC LESSONS | **MY LESSONS** | **SHARED WITH ME**

PUBLIC LESSONS

- PROF. MARIO BIANCHI
 - CLASS IV
 - SCHOOL TRIP
 - MY FAMILY
 - MY FRIENDS AND HOBBIES
 - HOMEWORK
 - CLASS V
 - SECTION A
 - SECTION B
 - SECTION C
 - SCHOOL TRIP
 - SOLAR SYSTEM EXAMPLE

MY LESSONS

- CLASS IV
 - SCHOOL TRIP
 - READY TO GO
 - ME AND THE OTHERS
 - BETWEEN MAGIC AND IMMAGINATION
 - A WORLD OF FEELINGS AND EMOTIONS
 - HOMEWORK
 - EXAMPLE SOLAR SYSTEM
 - SCHOOL TRIP PROGRAM
 - SOLAR SYSTEM 2
 - WORDS FOR DREAMING
 - WISHES, SECRETS, HOPES
 - ART
 - MATHS
 - SCIENCE

SHARED WITH ME

- SCHOOL TRIP
- SOLAR SYSTEM EXAMPLE



DEPIT TREE VIEW FOLDERS.

The Tree View Folder has 3 different tabs that organize all the materials in:

Public lessons.

It contains the logical structure from the school to the single activity that the teachers put in the public structure; every teacher can VIEW all the maps present in this section.

My lessons.

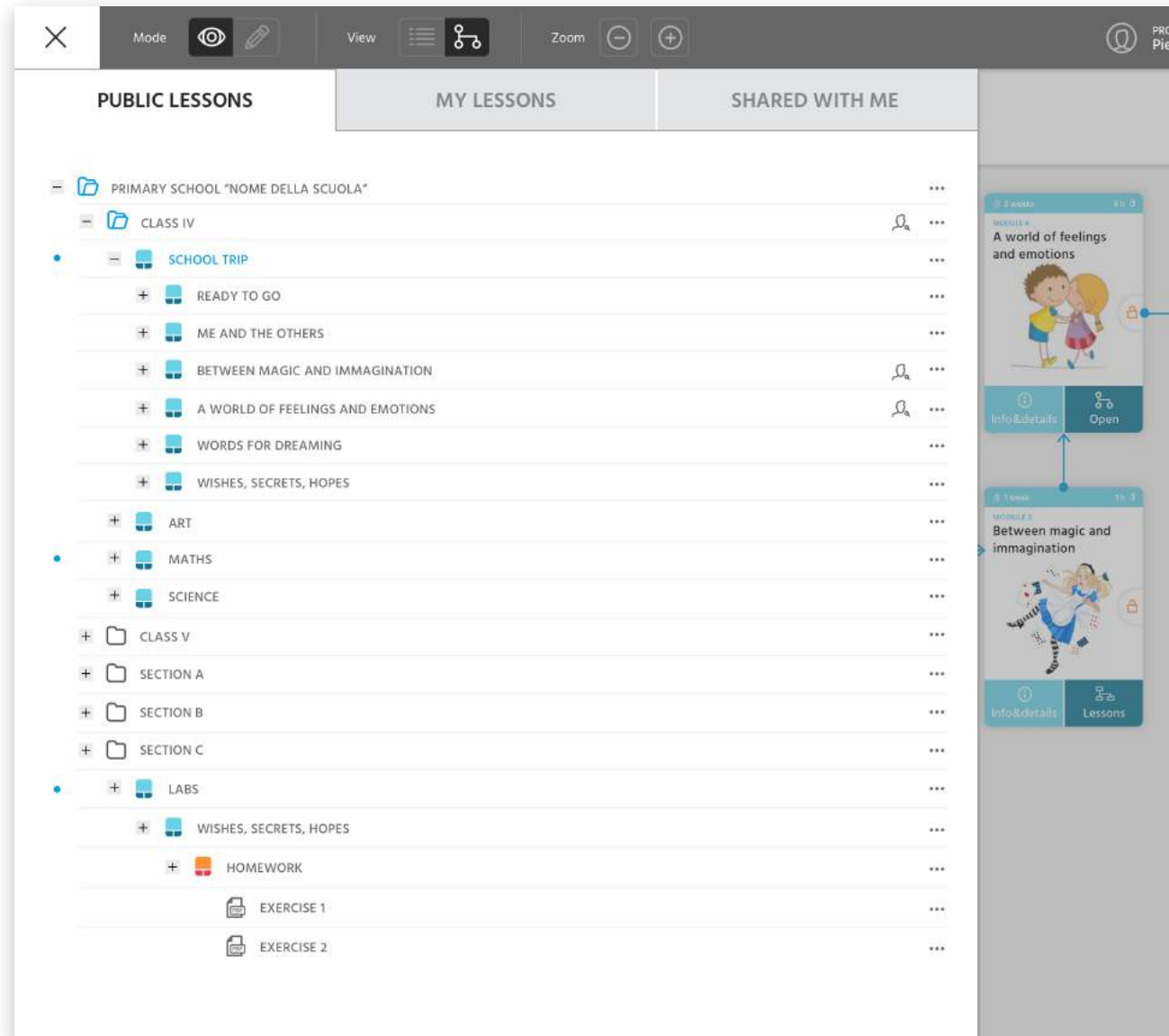
it could be used by the teacher to organize maps and files until the map will be ready to be published.

Shared with me.

You can use it to access folders that other users have shared with you. User can shared folder or maps from their Tab "My Lessons" or from Public Tab.

- My Map

- 👤 Shared Map / list of user that can edit





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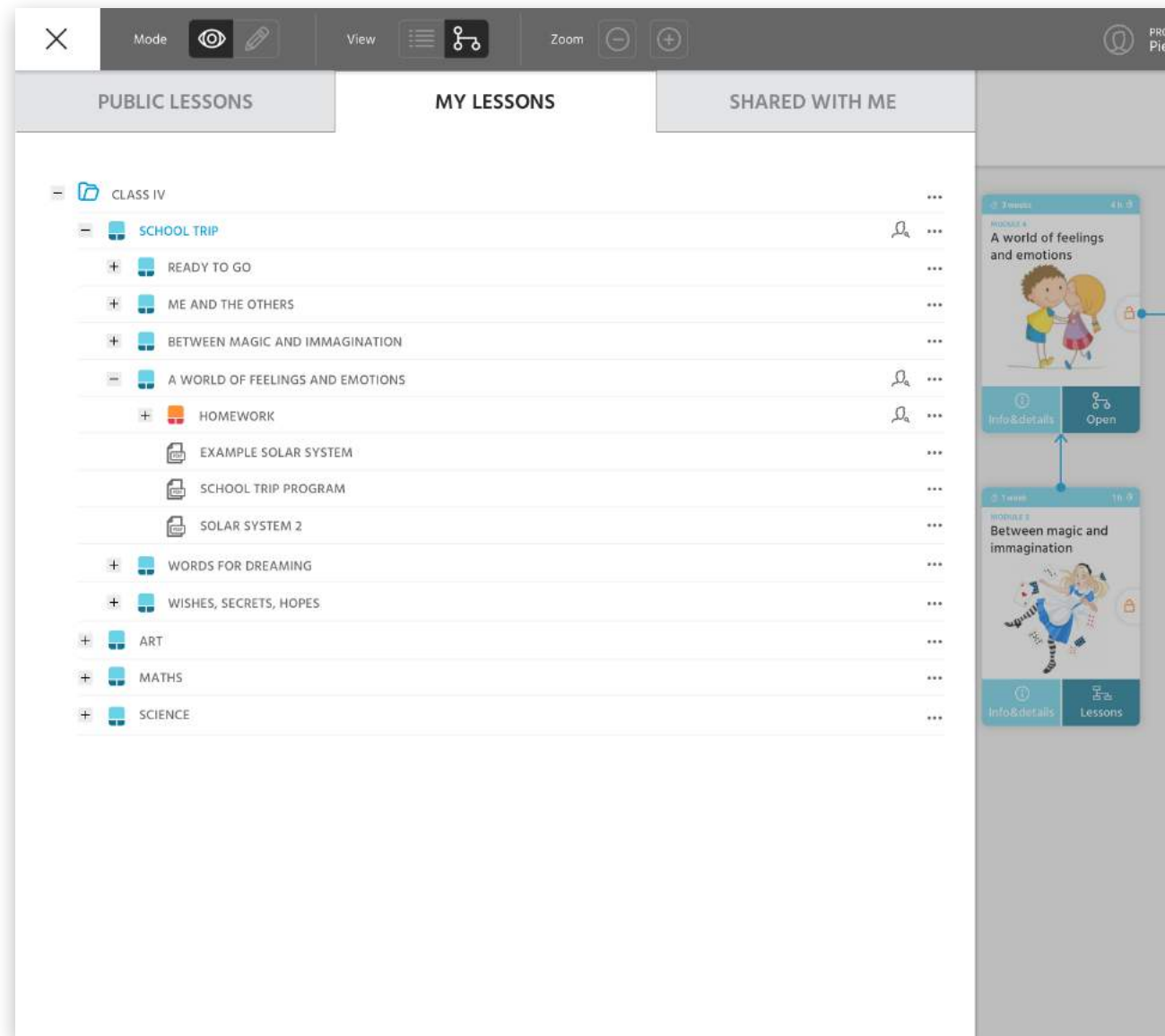
Shared with me.

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- Open Map
- Rename
- Copy
- Modify
- Share
- Delite

Shared Map / list of user that can edit





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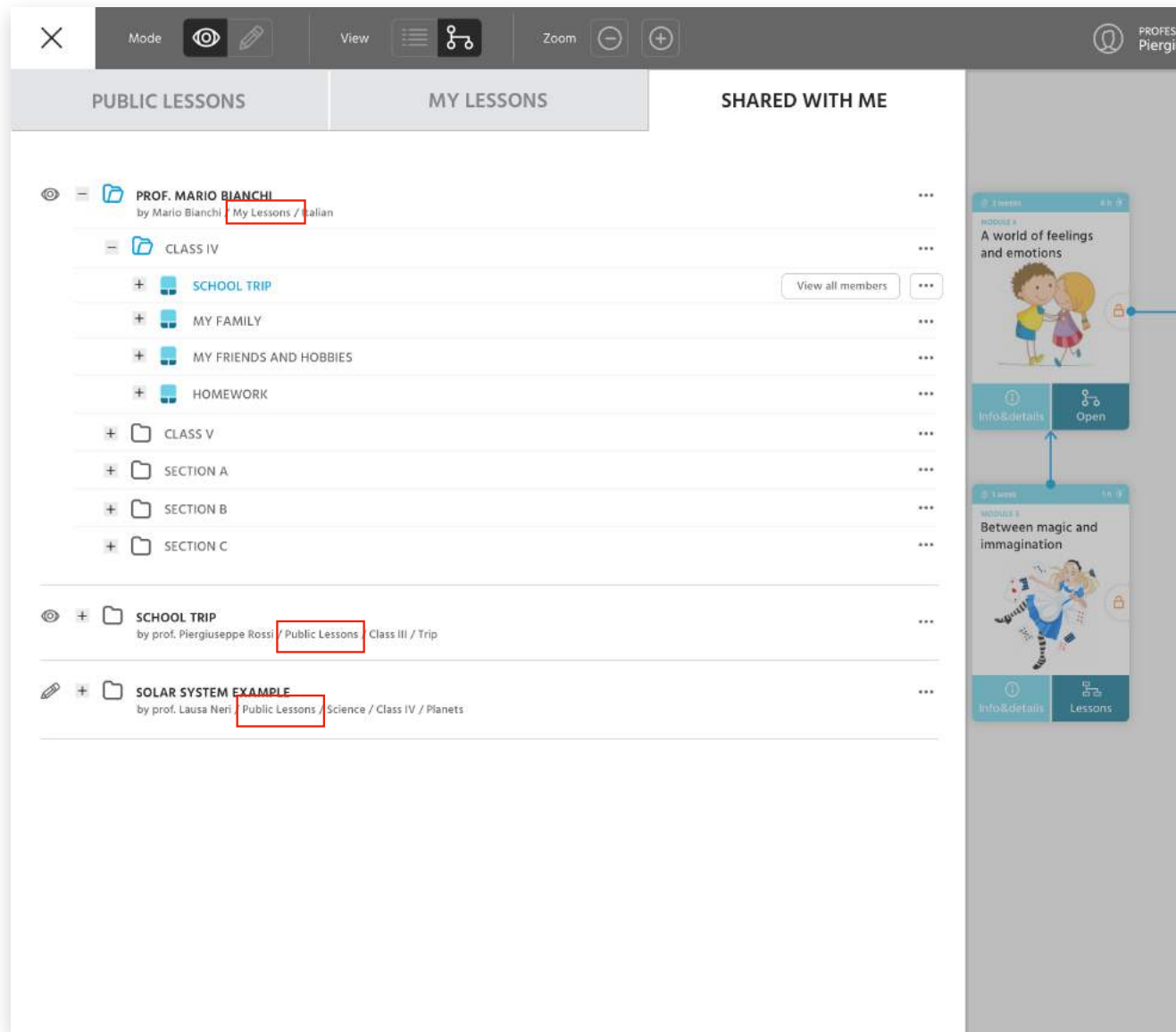
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SHARE A MAP.

The screenshot displays the Depit App interface. At the top, there is a navigation bar with a close button (X), a 'Mode' selector (eye and pencil icons), a 'View' menu (list icon), a 'Zoom' control (minus and plus icons), and a user profile for 'PROFESSOR Piergiuseppe Rossi'. Below the navigation bar are three tabs: 'PUBLIC LESSONS', 'MY LESSONS', and 'SHARED WITH ME'. The 'MY LESSONS' tab is active, showing a list of lessons under 'CLASS IV'. A sharing dialog is open over the 'SCHOOL TRIP' lesson. The dialog is titled 'CURRICULUM School Trip' and has a 'Share with: |' field. Below this field, three users are listed with their profile icons and names: Matteo Omero (MO), Piergiuseppe Rossi (PR), and Elisa Furlan (EF). Each user has a corresponding action button: 'View and Copy' for Matteo Omero, and 'View and Modify' for Piergiuseppe Rossi and Elisa Furlan. The background shows a curriculum map with various lesson cards, including 'A world of feelings and emotions', 'Words for dreaming', 'Between magic and imagination', and 'Wishes, secrets, hopes'. Each card has an 'Info&details' button and an 'Open' button.

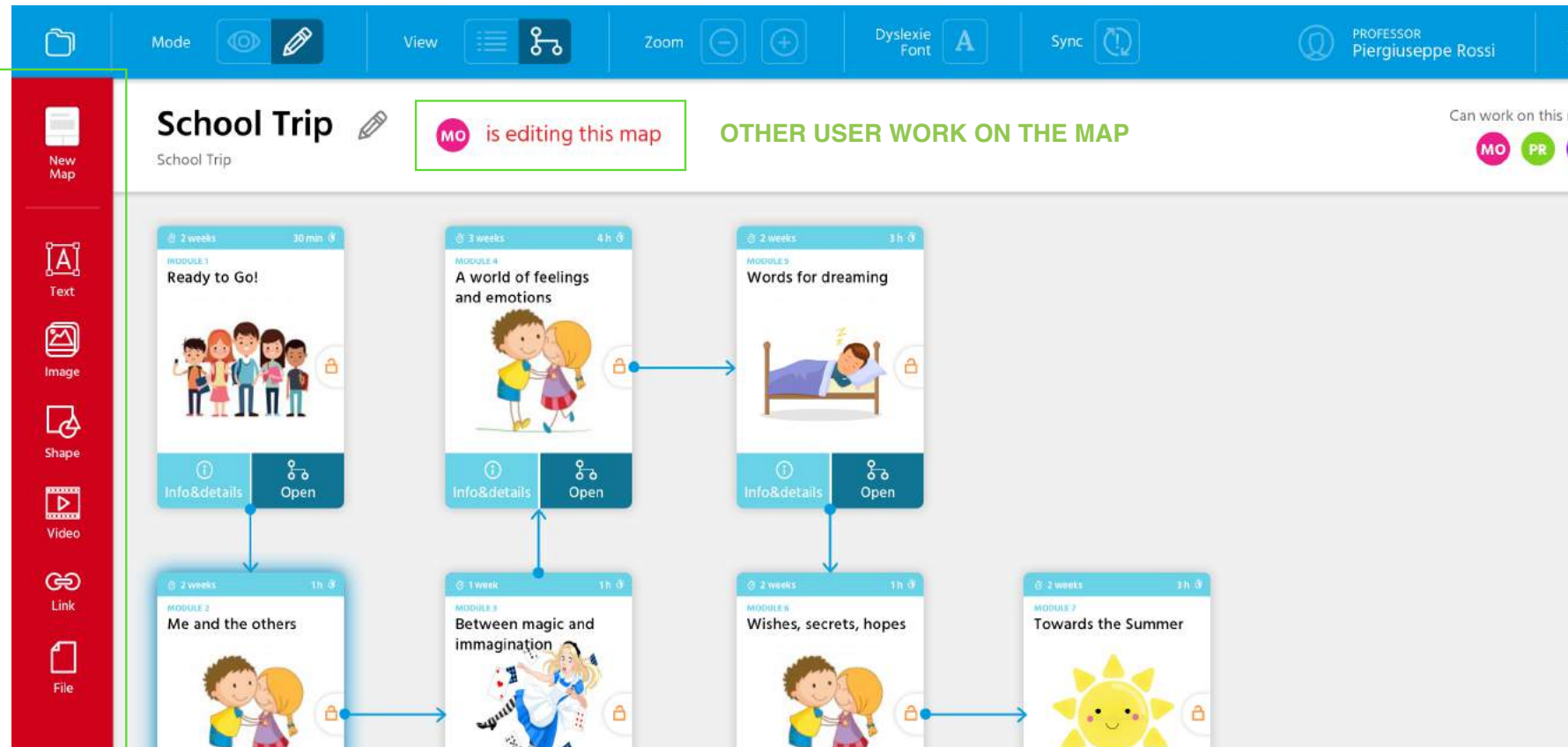
DEPIT

WORK IN A SHARED MAP.

If a map is shared with other user, i can edit the map **ONLY** when I'm **online** and when **there aren't other user work on it**.

A not shared map can be modify also in offline version, but in shared map this is not possible. There is the risk that more users work on the same map offline, and than, both want save a version of the same map that doesn't take into account the other users' changes.

EDIT BAR IS LOCKED, AND CHANGE COLOR TO SUGGEST THAT IT IS CURRENTLY UNAVAILABLE



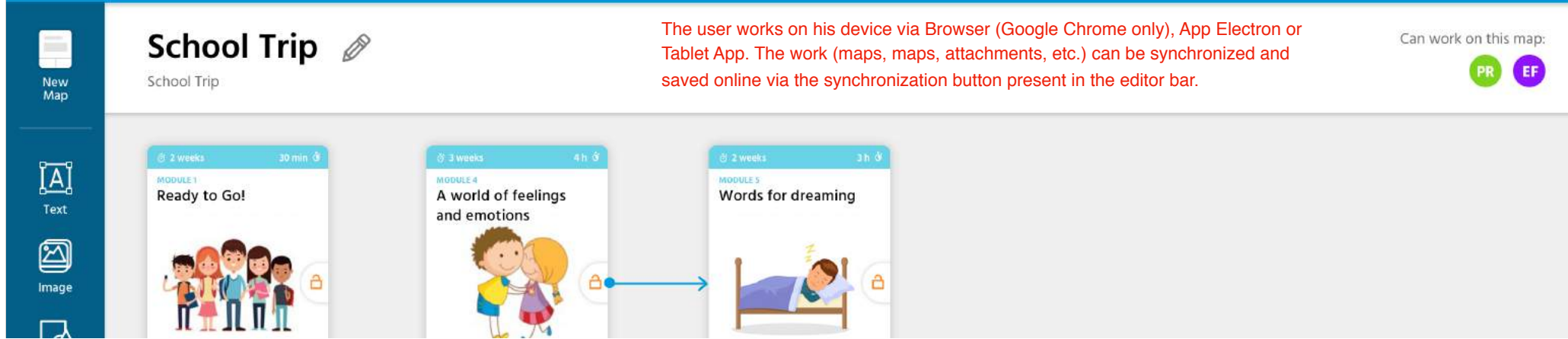
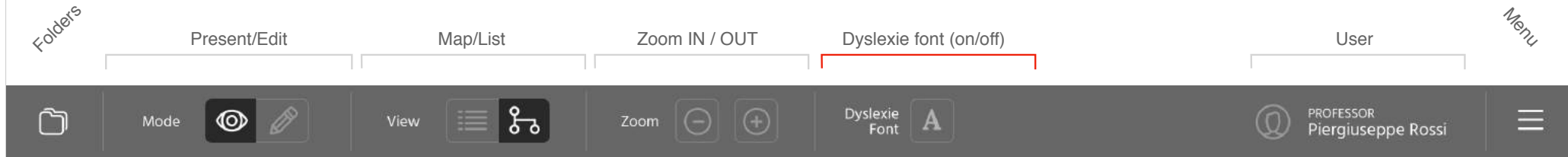
DEPIT

MENU BAR: DYSLEXIE FONT & SYNCHRONIZATION.

The main menu bar is always visible and it consists of the following items:

- **Folders** to access the school, class, lessons, etc.
- **Present/Edit mode** to present the maps and materials or to edit them
- **Map/List view** to view a map or all materials in a more convenient way
- **Zoom**
- **User**
- **menu** to access to settings, user profile, etc.

- +**
- **Dyslexie Font**
 - **Synchronization**

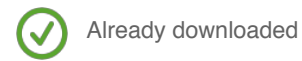


The user works on his device via Browser (Google Chrome only), App Electron or Tablet App. The work (maps, maps, attachments, etc.) can be synchronized and saved online via the synchronization button present in the editor bar.

DEPIT DOWNLOAD.

The desktop and tablet application will always and automatically download the **list of maps (only name and general structure)** while an internet connection is available in order to display the entire list of maps also to the users that use the platform offline.


The user can decide to **download** the single map offline by selecting them from the list view. The map downloaded offline will also be accessible without connection.



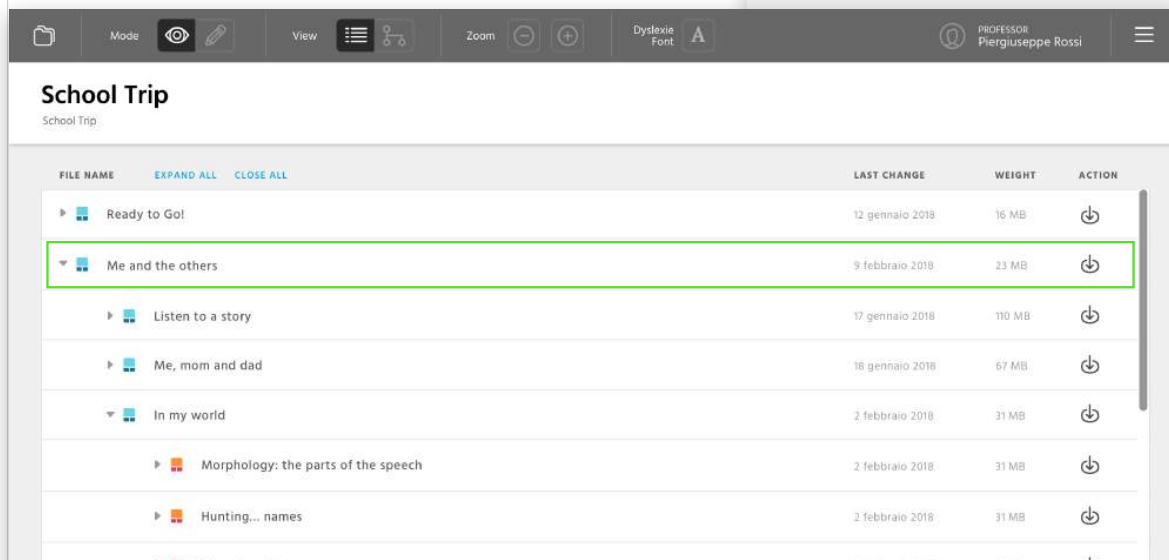
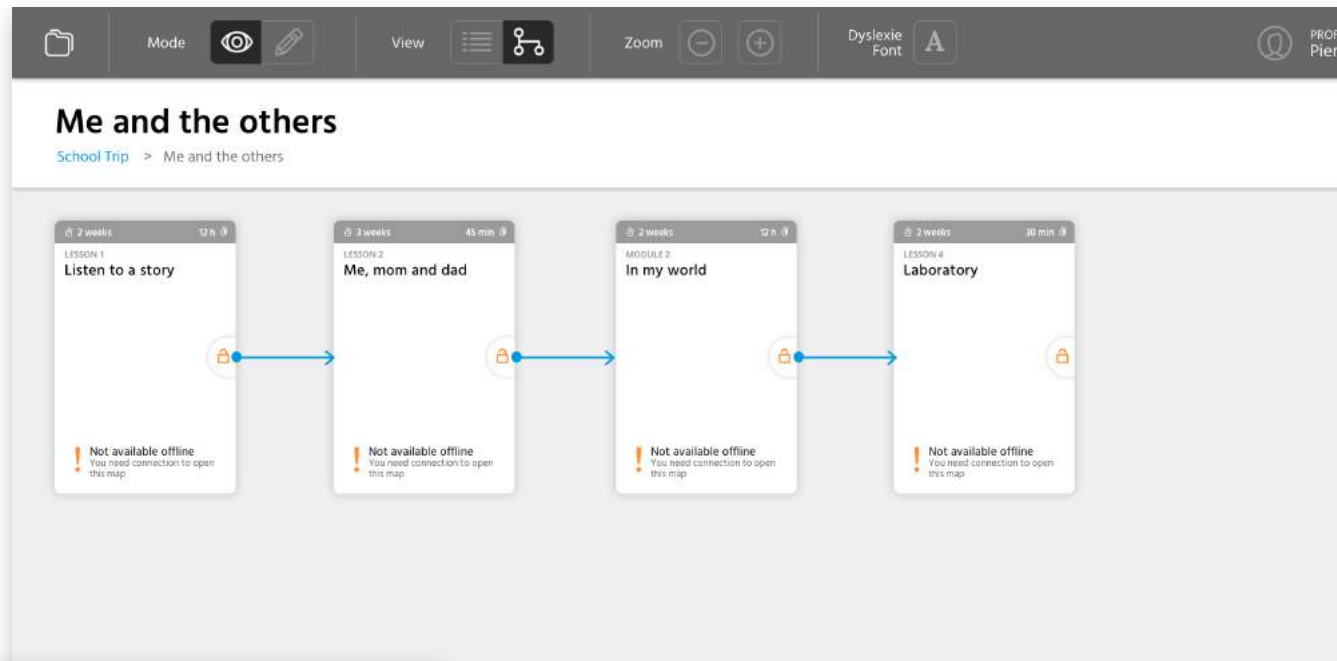
FILE NAME	EXPAND ALL	CLOSE ALL	LAST CHANGE	WEIGHT	ACTION
▶ Ready to Go!			12 gennaio 2018	16 MB	⏴
▼ Me and the others			9 febbraio 2018	23 MB	⏴
▶ Listen to a story			17 gennaio 2018	110 MB	⏴
▶ Me, mom and dad			18 gennaio 2018	67 MB	⏴
▼ In my world			2 febbraio 2018	31 MB	⏴
▶ Morphology: the parts of the speech			2 febbraio 2018	31 MB	⏴
▶ Hunting... names			2 febbraio 2018	31 MB	⏴
▶ When I read			2 febbraio 2018	31 MB	⏴
▶ I write			2 febbraio 2018	31 MB	⏴
▶ Friend dictionary			18 gennaio 2018	67 MB	✅

LAST CHANGE	WEIGHT	ACTION
12 gennaio 2018	16 MB	EDIT FORM ⏴ ⚙️ 🗑️
9 febbraio 2018	23 MB	EDIT FORM ⏴ ⚙️ 🗑️
17 gennaio 2018	110 MB	EDIT FORM ⏴ ⚙️ 🗑️
18 gennaio 2018	67 MB	EDIT FORM ⏴ ⚙️ 🗑️
2 febbraio 2018	31 MB	EDIT FORM ⏴ ⚙️ 🗑️
2 febbraio 2018	31 MB	EDIT FORM ⏴ ⚙️ 🗑️
2 febbraio 2018	31 MB	EDIT FORM ⏴ ⚙️ 🗑️
2 febbraio 2018	31 MB	EDIT FORM ⏴ ⚙️ 🗑️
2 febbraio 2018	31 MB	EDIT FORM ⏴ ⚙️ 🗑️

DEPIT DOWNLOAD.

 Not yet downloaded

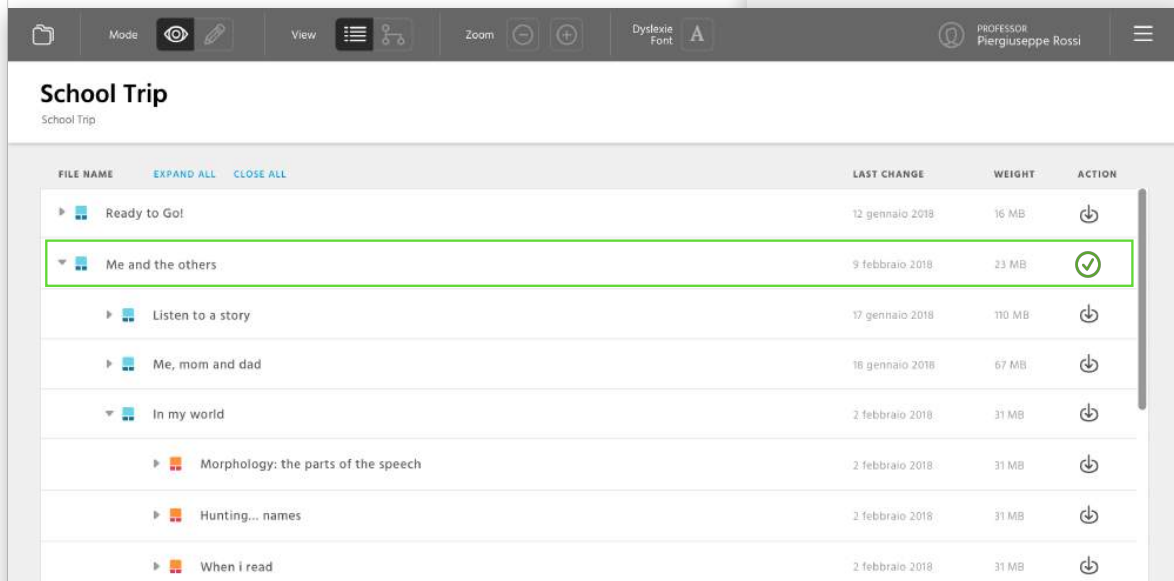
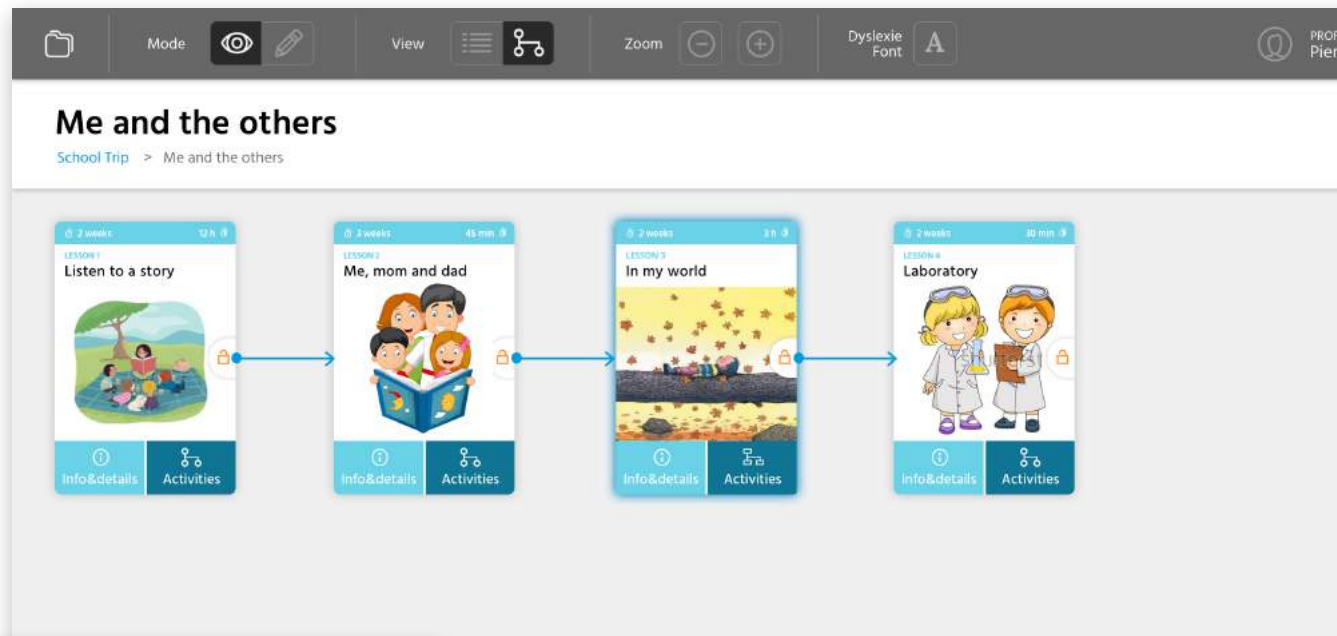
In this case the map has not been downloaded.
I can see only the name and the general structure of the map.



DEPIT DOWNLOAD.

✓ Already downloaded

In this case the map is available also offline.
I can see the entire map.





DEPIT TREE VIEW FOLDERS.

Each tab contains materials or lessons. The difference, compared to the "list" view, is the presence of others containers above the maps levels (curriculum, modules, etc.), in other words simple folders that can organize better the material/lessons of the teachers.

Public LESSONS MY LESSONS SHARED WITH ME

PRIMARY SCHOOL "NOME DELLA SCUOLA"
CLASS IV **SIMPLE FOLDER**

- SCHOOL TRIP **MAPS (curriculum, models, lessons, activities)**
 - READY TO GO
 - ME AND THE OTHERS
 - BETWEEN MAGIC AND IMAGINATION
 - A WORLD OF FEELINGS AND EMOTIONS
 - WORDS FOR DREAMING
 - WISHES, SECRETS, HOPES
 - ART
 - MATHS
 - SCIENCE
- CLASS V **SIMPLE FOLDER**
 - SECTION A
 - SECTION B
 - SECTION C
- LABS
 - WISHES, SECRETS, HOPES
 - HOMEWORK
- EXERCISE 1 **FILE**
- EXERCISE 2 **FILE**

Public LESSON MY LESSONS

CLASS IV

- SCHOOL TRIP
 - READY TO GO
 - ME AND THE OTHERS
 - BETWEEN MAGIC AND IMAGINATION
 - A WORLD OF FEELINGS AND EMOTIONS
 - HOMEWORK
 - EXAMPLE SOLAR SYSTEM
 - SCHOOL TRIP PROGRAM
 - SOLAR SYSTEM 2
 - WORDS FOR DREAMING
 - WISHES, SECRETS, HOPES
- ART
- MATHS
- SCIENCE

Public LESSONS MY LESSONS SHARED WITH ME

PROF. MARIO BIANCHI
by Mario Bianchi / My Lessons / Italian

- CLASS IV
 - SCHOOL TRIP [View all members](#)
 - MY FAMILY
 - MY FRIENDS AND HOBBIES
 - HOMEWORK
 - CLASS V
 - SECTION A
 - SECTION B
 - SECTION C
- SCHOOL TRIP
by prof. Piergiuseppe Rossi / Public Lessons / Class III / Trip
- SOLAR SYSTEM EXAMPLE
by prof. Lausa Neri / Public Lessons / Science / Class IV / Planets



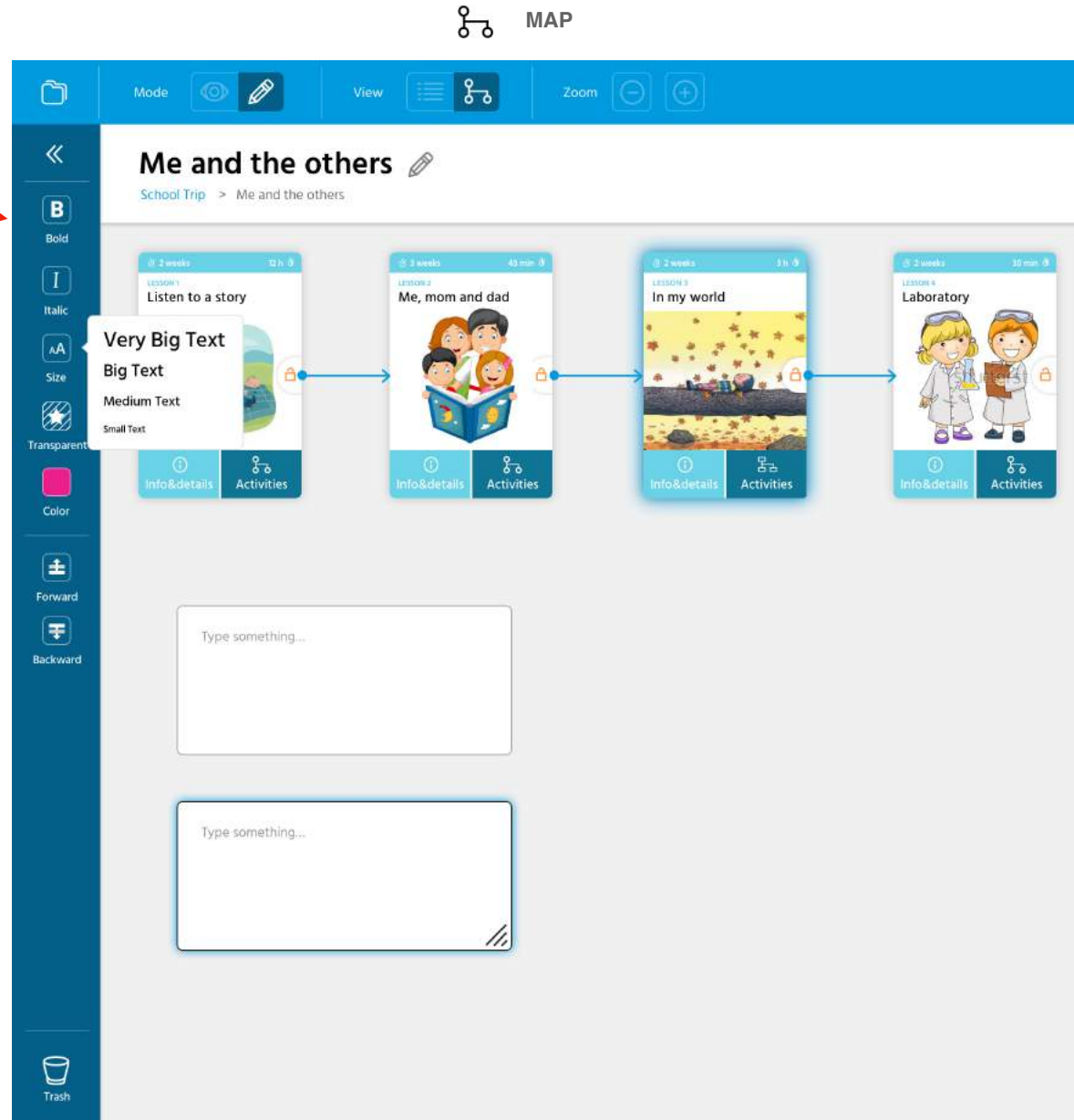
DEPIT

EDIT MODE

TEXT details.

In the **EDIT** mode, object **TEXT** there are the following options:

- Back (exit from the Text menu)
- - -
- Bold option
- Italic option
- Text size (4 options)
- Transparent option (without background color)
- Color
- - -
- Put the element forward
- Put the element backward





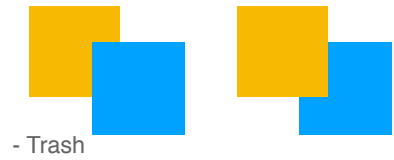
DEPIT

EDIT MODE

IMAGE details.

In the **EDIT** mode, object **IMAGE** there are the following options:

- Back (exit from the Image menu)
- Color (set of 9 options)
- Caption (description/text)
- Lock position
- Put the element forward
- Put the element backward





DEPIT

EDIT MODE SHAPE details.

In the **EDIT** mode, object **SHAPE** there are the following options:

- Back (exit from the Shape menu)
- Color (set of 9 options)
- Type of shape (set of 4 options)
- Add text (inside)
- Add link
- Lock position
- Put the element forward
- Put the element backward





DEPIT

EDIT MODE

VIDEO details.

In the **EDIT** mode, object **VIDEO** there are the following options:

- Back (exit from the Video menu)
- - -
- Color
- Description
- Lock position
- - -
- Put the element forward
- Put the element backward



- Trash

Note:

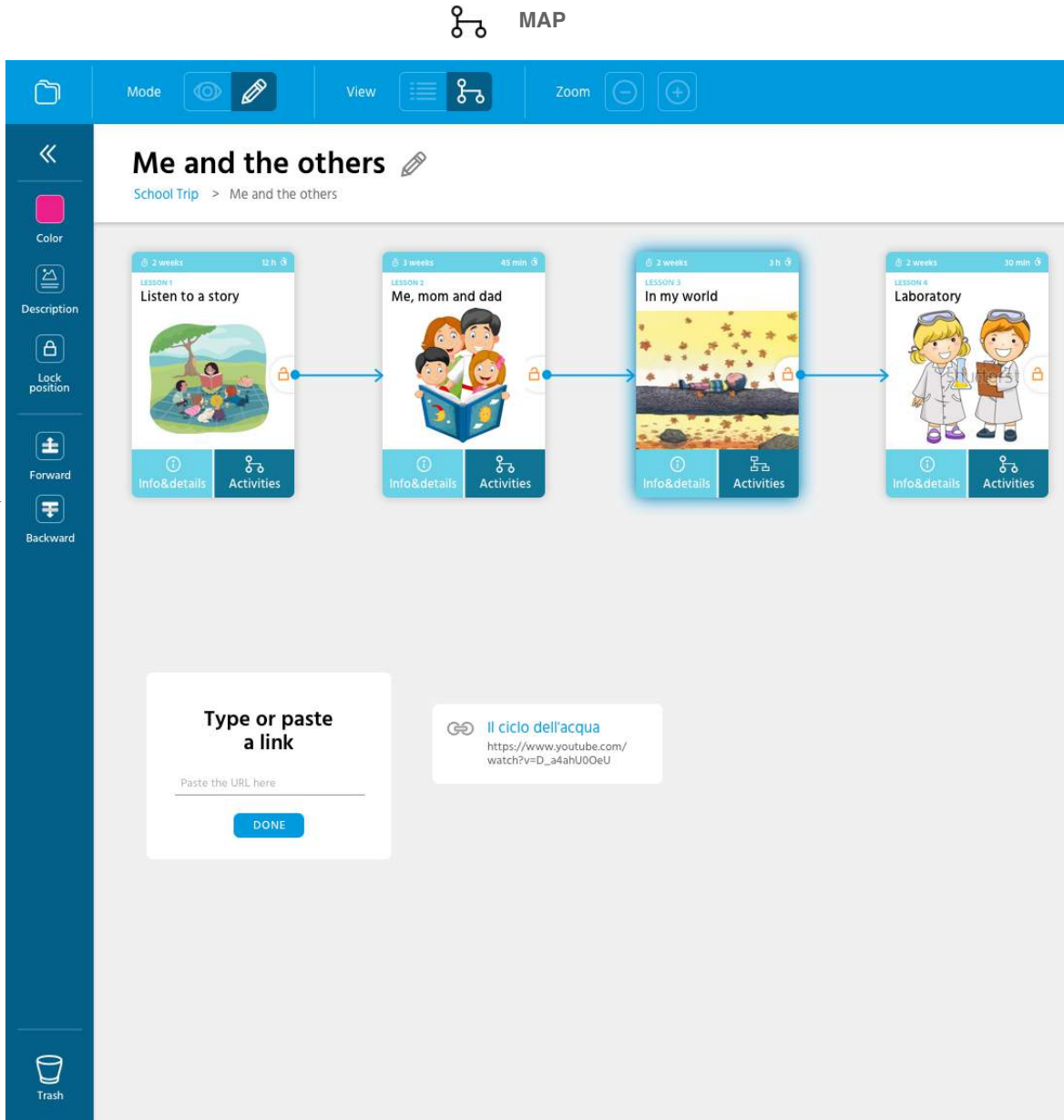
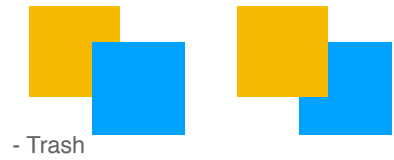
is possible choose a video from YouTube, not upload a video file.



DEPIT EDIT MODE LINK details.

In the **EDIT** mode, object **LINK** there are the following options:

- Back (exit from the Link menu)
- - -
- Color
- Description
- Lock position
- - -
- Put the element forward
- Put the element backward





DEPIT

EDIT MODE FILE details.

In the **EDIT** mode, object **FILE** there are the following options:

- Back (exit from the File menu)
-
- Color
- Description
- Lock position
-
- Put the element forward
- Put the element backward



- Trash



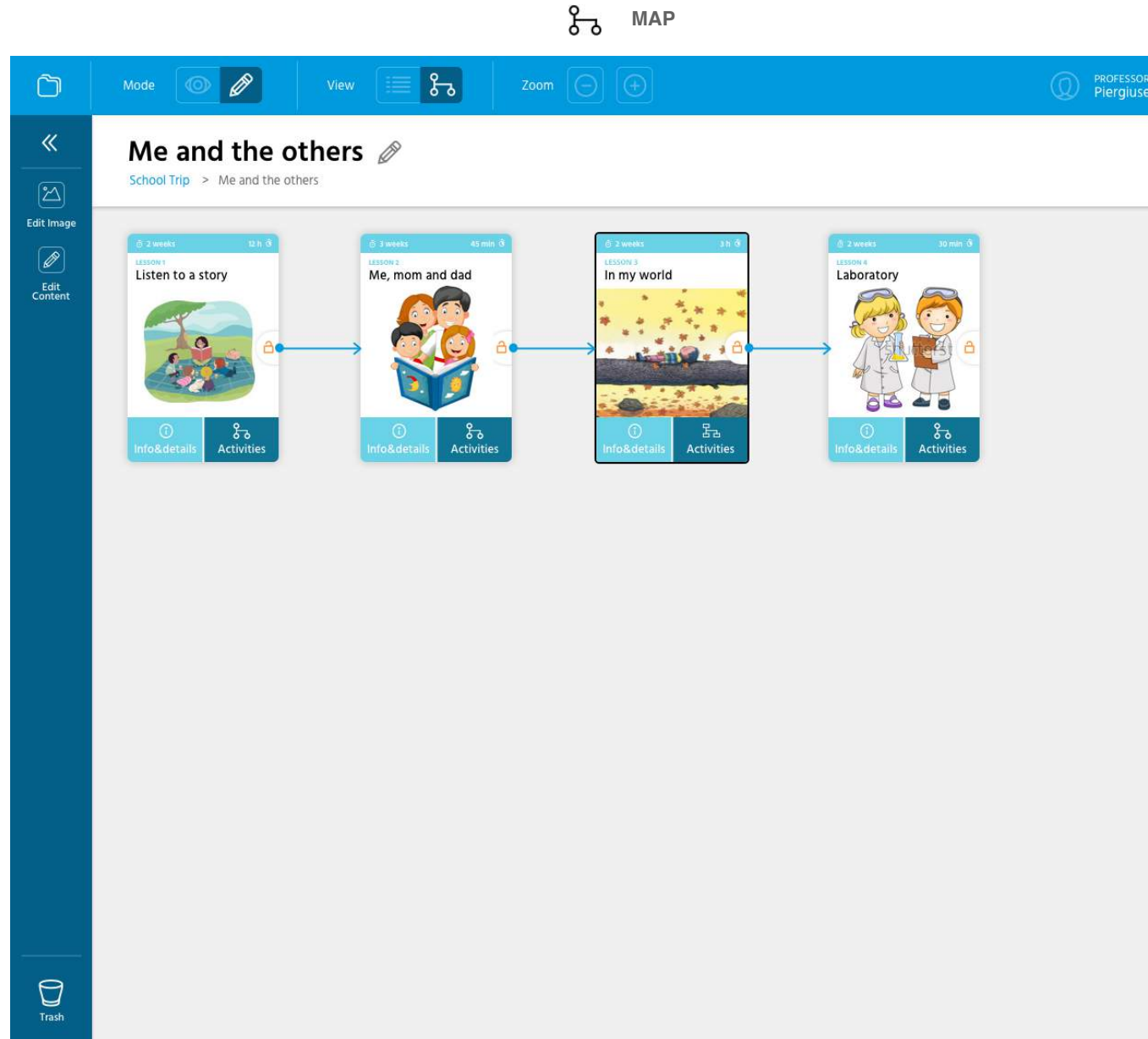


DEPIT

EDIT MODE
CARD details.

In the **EDIT** mode, selecting a **CARD**, there are the following options:

- Back (exit from the Card menu)
- - -
- Edit Image
- Edit content (go to the complete form)
- - -
- Trash





DEPIT

EDIT MODE ARROW details.

In the **EDIT** mode, selecting an **ARROW**, there are the following options:

- Back (exit from the Card menu)
- Arrow type (4 option: straight, curved, straight with corners, curved with corners)
- Trash

The screenshot shows the Depit App interface in Edit Mode. At the top, there is a blue header with a 'MAP' icon and the text 'PROFESSOR Piergiuse'. Below the header, the main content area displays a sequence of four lesson cards connected by blue arrows. The cards are:

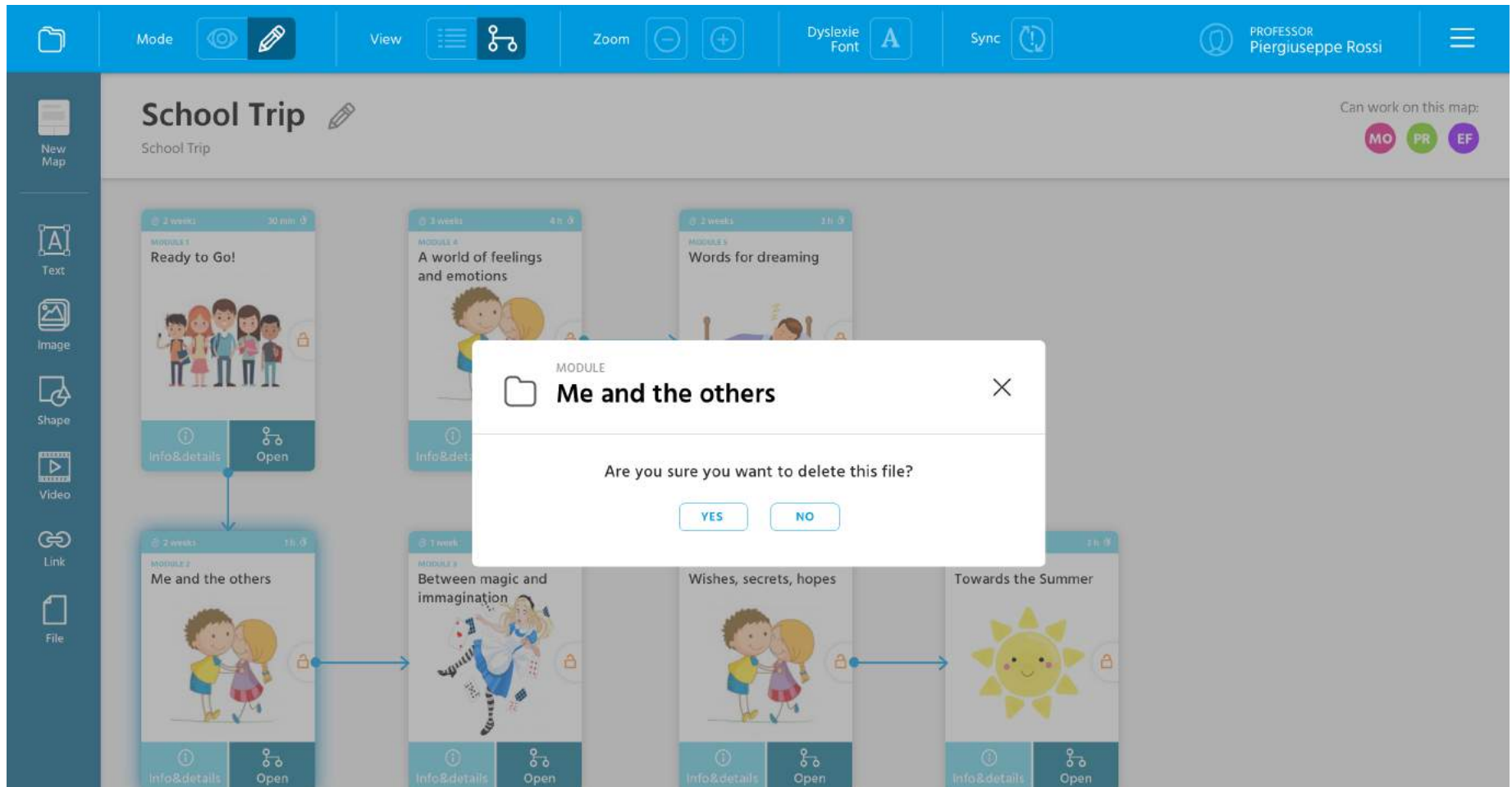
- Listen to a story** (12 h)
- Me, mom and dad** (3 weeks, 45 min)
- In my world** (2 weeks, 3 h)
- Laboratory** (2 weeks, 30 min)

Each card has an 'Info&details' button and an 'Activities' button. A 'Trash' icon is visible at the bottom left of the screen. A 'Mode' dropdown menu is open, showing four arrow options: straight, curved, straight with corners, and curved with corners. The title 'Me and the others' is displayed at the top of the main content area.

DEPIT

UNDO/CONFIRM.


In any case the DELETE action requires a YES/NO confirmation.



App

for whom is it useful?

App, for whom is it useful?

	NO interactive Whiteboard	Interactive Whiteboard	Interactive Whiteboard + tablet for students	Interactive Whiteboard + tablet for students + wifi
The App is useful for the teacher . It could be used to design curriculum, lessons and activity.	✓	✓	✓	✓
The App can be used to present maps and materials to the students in the classroom		✓	✓	✓
The students can use the map in the classroom with their Tablet/Notebook and follow their personalised learning path. No personal account.			✓	✓
The students could interact with the teacher online using the App . They may have a personal account for the App in the Cloud.				 technically possible but not doable in this project

Cloud requirements

Login page. We manually enter 300 (not more) accounts for the test to be done. Each account will have a folder and a curriculum by default. When you first log in, the synchronization process will take longer because the structure of all the maps will be downloaded.

Synchronization of maps to the server (from the local device to the server). The user will work on their device via App Electron or Tablet App. The work (maps, cards, attachments, etc.) can be synchronized and then saved online through a specific synchronization action. An explicit synchronization button will then be present in the editor.

Offline operation. The desktop and tablet application will always download the list of maps while it is online for be able to display the entire list of maps created offline to the user. So, even the offline list of maps will always be visible. The user can decide to download one or more maps offline by selecting them from the list view. The map downloaded offline will also be accessible without connection.

What we have. The 48 teachers will be able to:

- authenticate
- create any number of personal folders and maps
- enter any number of attachments
- work online (on everything) and offline on previously downloaded maps
- synchronize the work done on the device with the online server (= save the job online)
- download a map offline to view it offline