

SOCIAL STORIES

ADVANCED USER INTERFACES
A.Y. 2023/2024



GROUP 03A – CABAI ELEONORA, MELLATDOUST PARINAZ, PANTOFARU ANDREEA MONICA

THE TEAM



**CABAI
ELEONORA**



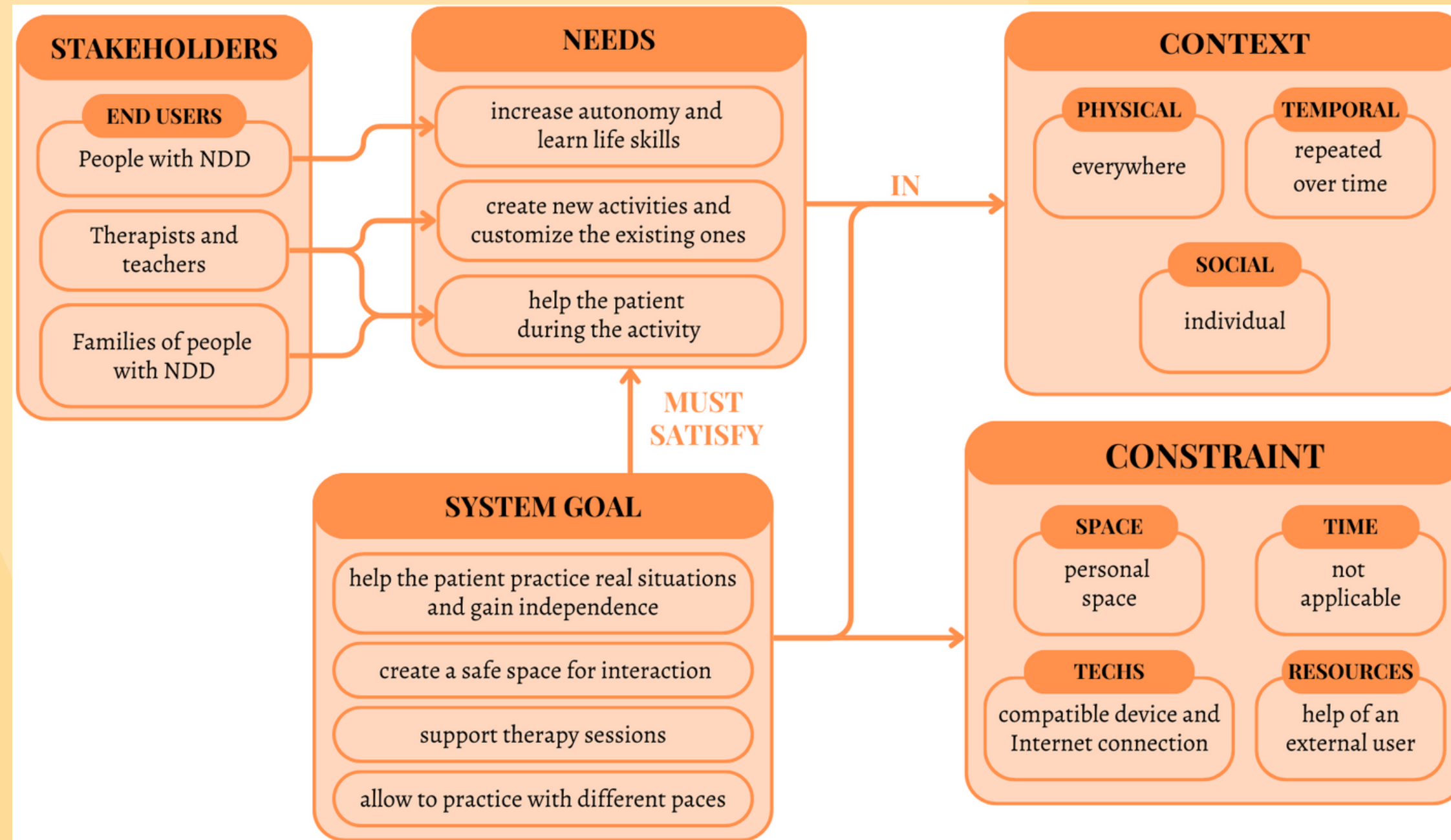
**MELLATDOUST
PARINAZ**



**PANTOFARU A.
MONICA**

GROUP 03A – CABAI ELEONORA, MELLATDOUST PARINAZ, PANTOFARU ANDREEA MONICA

UNG MODEL



GROUP 03A – CABAI ELEONORA, MELLATDOUST PARINAZ, PANTOFARU ANDREEA MONICA

STAKEHOLDERS

- PEOPLE WITH NDD (PRIMARY USERS)
- THERAPISTS AND TEACHERS (SECONDARY USERS)
- FAMILY OF PEOPLE WITH NDD (SECONDARY USERS)



GROUP 03A – CABAI ELEONORA, MELLATDOUST PARINAZ, PANTOFARU ANDREEA MONICA

USERS' NEEDS

PRIMARY USERS:

PARTICIPATE TO MULTI-SENSORY INTERACTIVE ACTIVITIES IN ORDER TO GAIN AUTONOMY AND LEARN LIFE SKILLS

SECONDARY USERS:

TEACHERS AND THERAPISTS: RECEIVE SUPPORT FOR THE CUSTOMIZATION OF ACTIVITIES AND FOR THE CREATION OF NEW ACTIVITIES THAT STIMULATE THE PATIENT IN MANY WAYS

PARENTS: HELP THE PATIENT DURING THE ACTIVITY

GROUP 03A – CABAI ELEONORA, MELLATDOUST PARINAZ, PANTOFARU ANDREEA MONICA

CONTEXT

PHYSICAL	THE SYSTEM IS SUPPOSED TO BE USED EVERYWHERE, ESPECIALLY IN A SAFE AND COMFORTABLE PLACE FOR THE USER
SOCIAL	THE INTERACTION BETWEEN THE USER AND THE APPLICATION IS MAINLY INDIVIDUAL, BUT SOMETIMES MIGHT NEED AN EXTERNAL USER FOR SUPPORT
TEMPORAL	THE SYSTEM IS SUPPOSED TO BE USED REPEATEDLY OVER TIME, TO INCREMENT THE POSSIBILITIES OF SUCCESS

GROUP 03A – CABAI ELEONORA, MELLATDOUST PARINAZ, PANTOFARU ANDREEA MONICA

SYSTEM GOALS

INDEPENDENCE

HELP PEOPLE WITH NDD PRACTICE FOR
SOCIAL SITUATIONS AND DAILY
ACTIVITIES

SUPPORT

HELP THERAPISTS IN CREATING NEW
ACTIVITIES FOR THEIR PATIENTS

SAFE SPACE

CREATE A SAFE AND COMFORTABLE
SPACE FOR REPEATED INTERACTION

CONTROL

GIVE USERS THE POSSIBILITY TO
PRACTICE WITH THEIR OWN PACE

GROUP 03A – CABAI ELEONORA, MELLATDOUST PARINAZ, PANTOFARU ANDREEA MONICA

CONSTRAINTS

TIME

THE USE TIME DEPENDS ON THE USER'S WILL AND AVAILABLE TIME

ADAPTABILITY

CONTENT MUST BE GENERALIZED TO ALLOW AN EASY PERSONALIZATION BY THERAPISTS

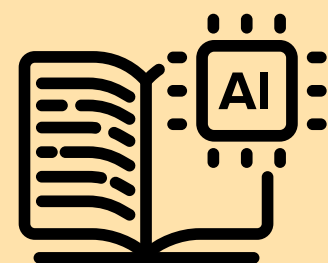
GROUP 03A – CABAI ELEONORA, MELLATDOUST PARINAZ, PANTOFARU ANDREEA MONICA

OUR SOLUTION

RUNTIME GENERATED STORIES WITH THE POSSIBILITY TO REPEAT THEM WITH DIFFERENT DESCRIPTIONS AND SETTINGS (TEXT / IMAGES / SPEECH)



**STORIES:
CHAT GPT**



**IMAGES:
DALL-E**

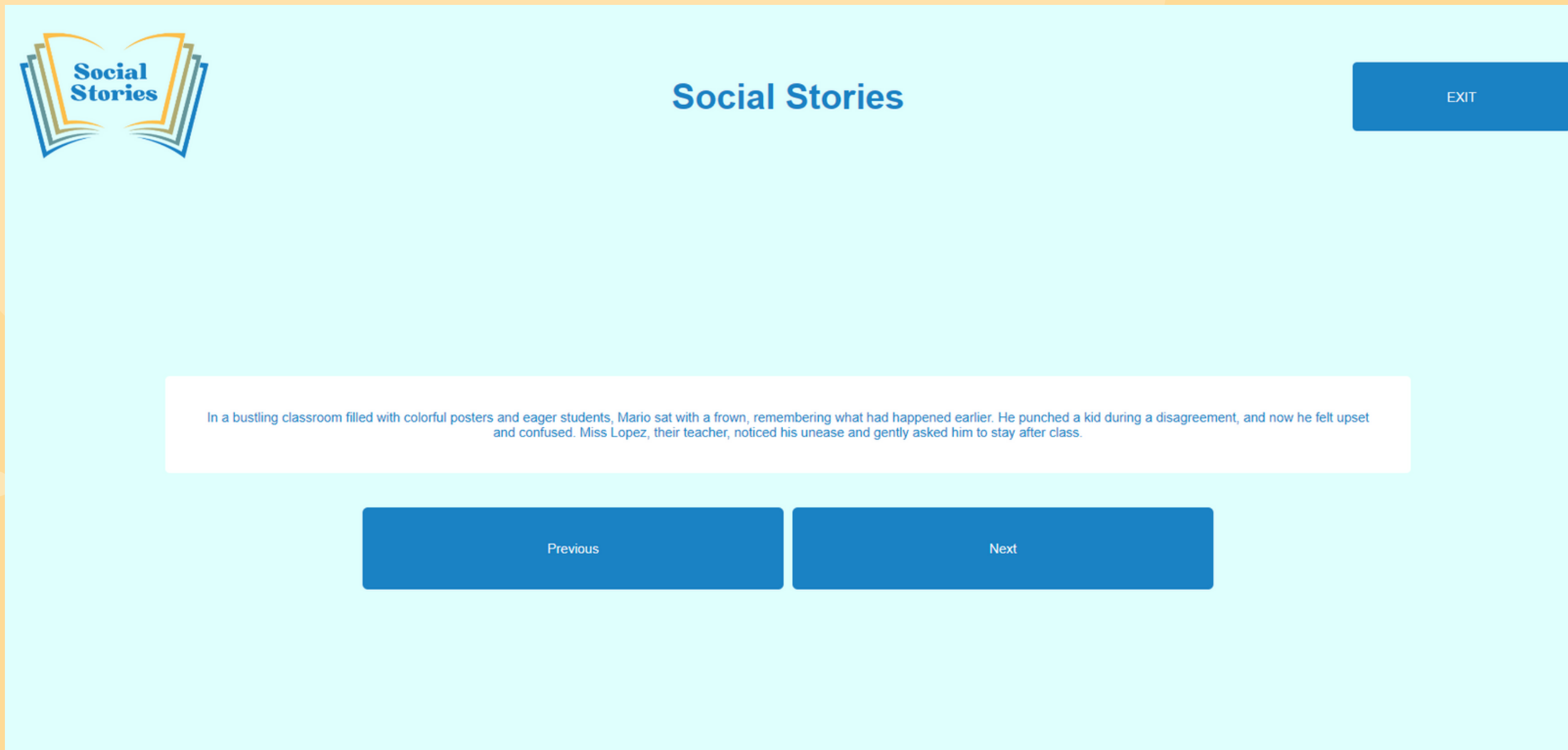
Story Settings		
Text	<input type="radio"/> YES	<input type="radio"/> NO
Images	<input type="radio"/> YES	<input type="radio"/> NO
Speech	<input type="radio"/> YES	<input type="radio"/> NO

Cancel

Save

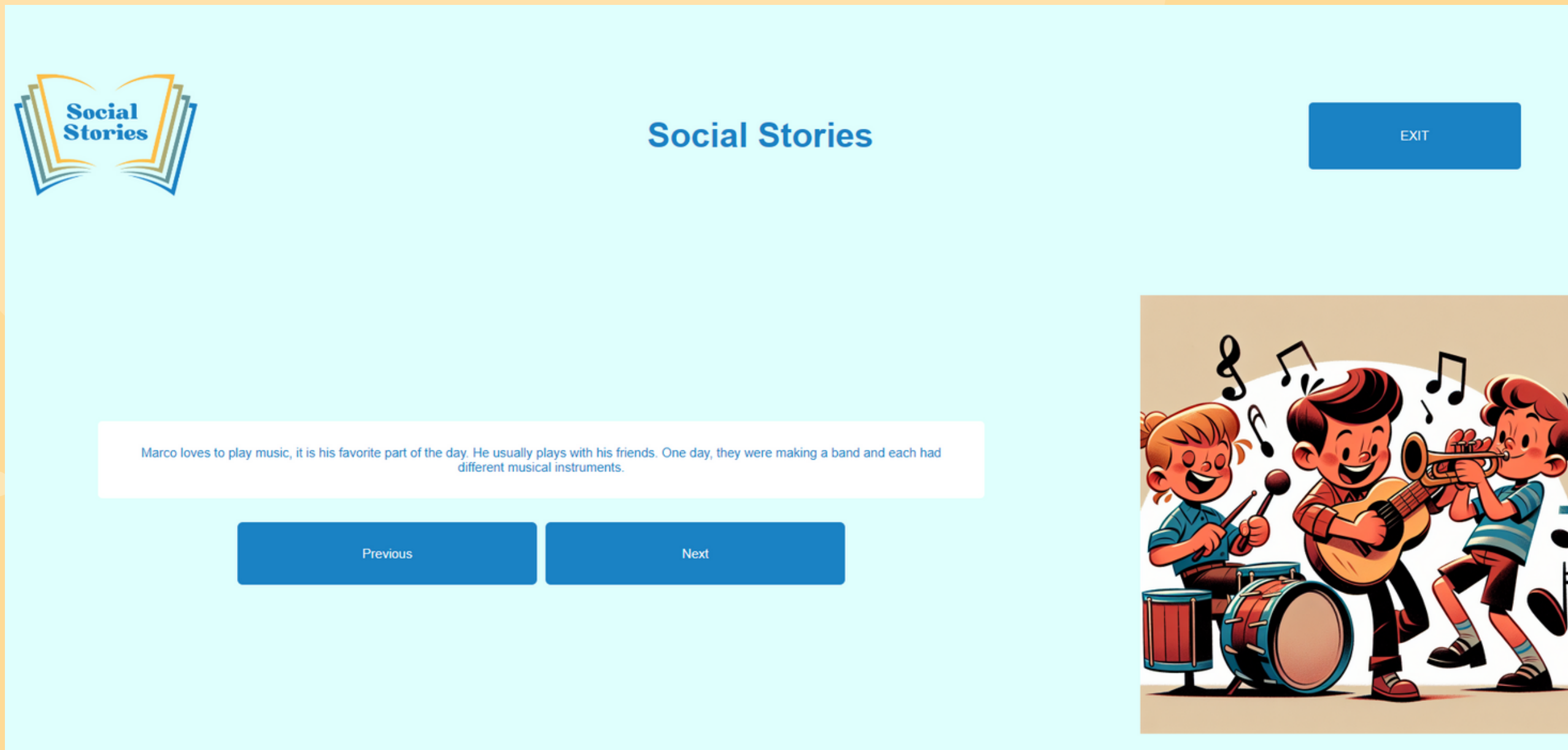
GROUP 03A – CABAI ELEONORA, MELLATDOUST PARINAZ, PANTOFARU ANDREEA MONICA

OFFLINE VERSION



GROUP 03A – CABAI ELEONORA, MELLATDOUST PARINAZ, PANTOFARU ANDREEA MONICA

ONLINE VERSION



GROUP 03A – CABAI ELEONORA, MELLATDOUST PARINAZ, PANTOFARU ANDREEA MONICA

VALUE

INDEPENDENCE

THE INDIVIDUAL PRACTICES THROUGH A PERSONAL DEVICE

ENGAGEMENT

STORIES ARE TAILORED TO EACH INDIVIDUAL'S INTERESTS AND NEEDS, IN ORDER TO INCREASE ENGAGEMENT

INNOVATION

CONTENT IS INSPIRED TO CLASSIC SOCIAL STORIES BUT IS CREATED FOR THE INDIVIDUAL AND MEETS HIS/HER NEEDS

GROUP 03A – CABAI ELEONORA, MELLATDOUST PARINAZ, PANTOFARU ANDREEA MONICA

FUTURE WORK

TEXT-TO-SPEECH

**WHICH WILL IMPLEMENT THE
STORYTELLING EXPERIENCE BUT IS NOT
FULLY AVAILABLE NOW**

DYNAMIC CONTENT

**THROUGH THE POSSIBILITY TO INTERACT
WITH CHARACTERS AND SCENARIOS**

OFFLINE IMAGES

**GIVE THE POSSIBILITY TO SEE IMAGES
ALSO IN THE OFFLINE VERSION OF THE
APPLICATION**

CONTROL

**OF THE GAME DEVELOPMENT THROUGH
CHOICES AND TEXTUAL RESPONSES**

GROUP 03A – CABAI ELEONORA, MELLATDOUST PARINAZ, PANTOFARU ANDREEA MONICA