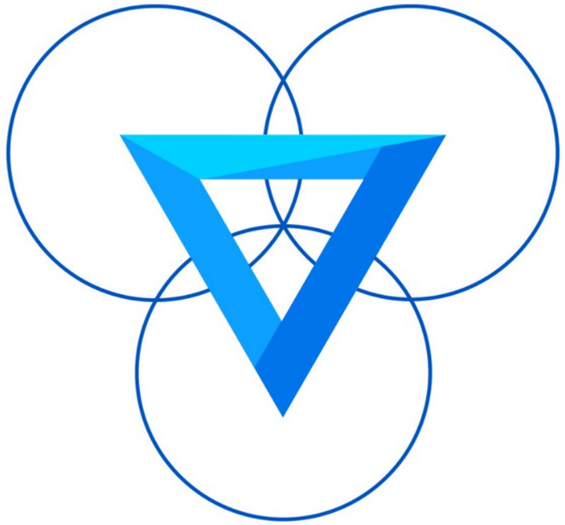
UNIVERSIDAD AUTÓNOMA DE YUCATÁN

Facultad de Matematicas

Subject: Fundamentos de Software
Teacher: Edgar Cambranes

Team members:

- *Aguilar Moreno Ashley Shaden*
- *Cadena Méndez Arturo*
- *Huerta Méndez César Alejandro*
- *López Delgado Osmar Jesús*
- *Pineda Alvarado Frida*
- *Reyes Martínez Miguel Ángel*



Product Evolution

- The objective is the same.
- The requirements evolved and became more detailed.
- Changes were done in the app's interface.
- 3 prototypes were created and proposed.

Requeriment Evolution

1rst Deadline: 8 FR - 5NFR

2st Deadline: 8 FR - 5NFR

There were quite a few changes to the requirements, as well as some were removed, others were modified and there were also mergers.

Removed:

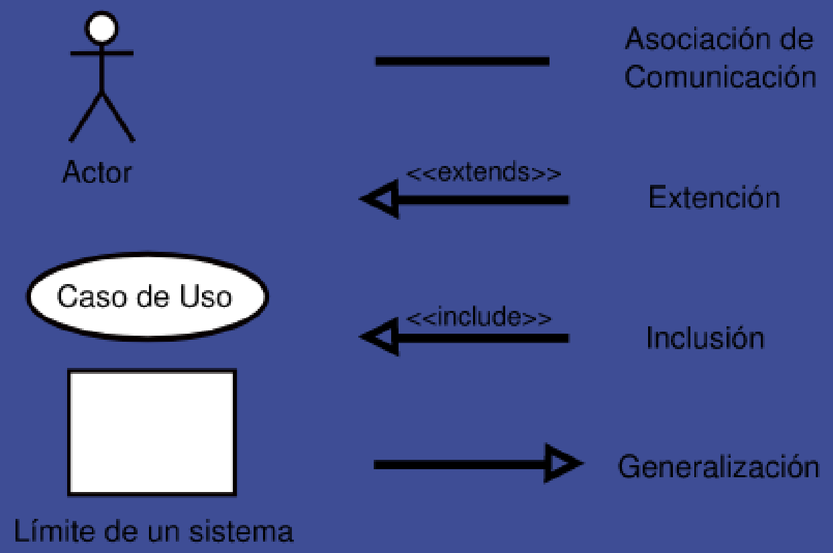
- An account is needed to use the app
- App available on IOS and Android
- "Easy to use"

Merged:

- The user will be able to choose a basic or intermediate algebra topic available and the level of difficulty of the exercises: 1, 2 or 3.

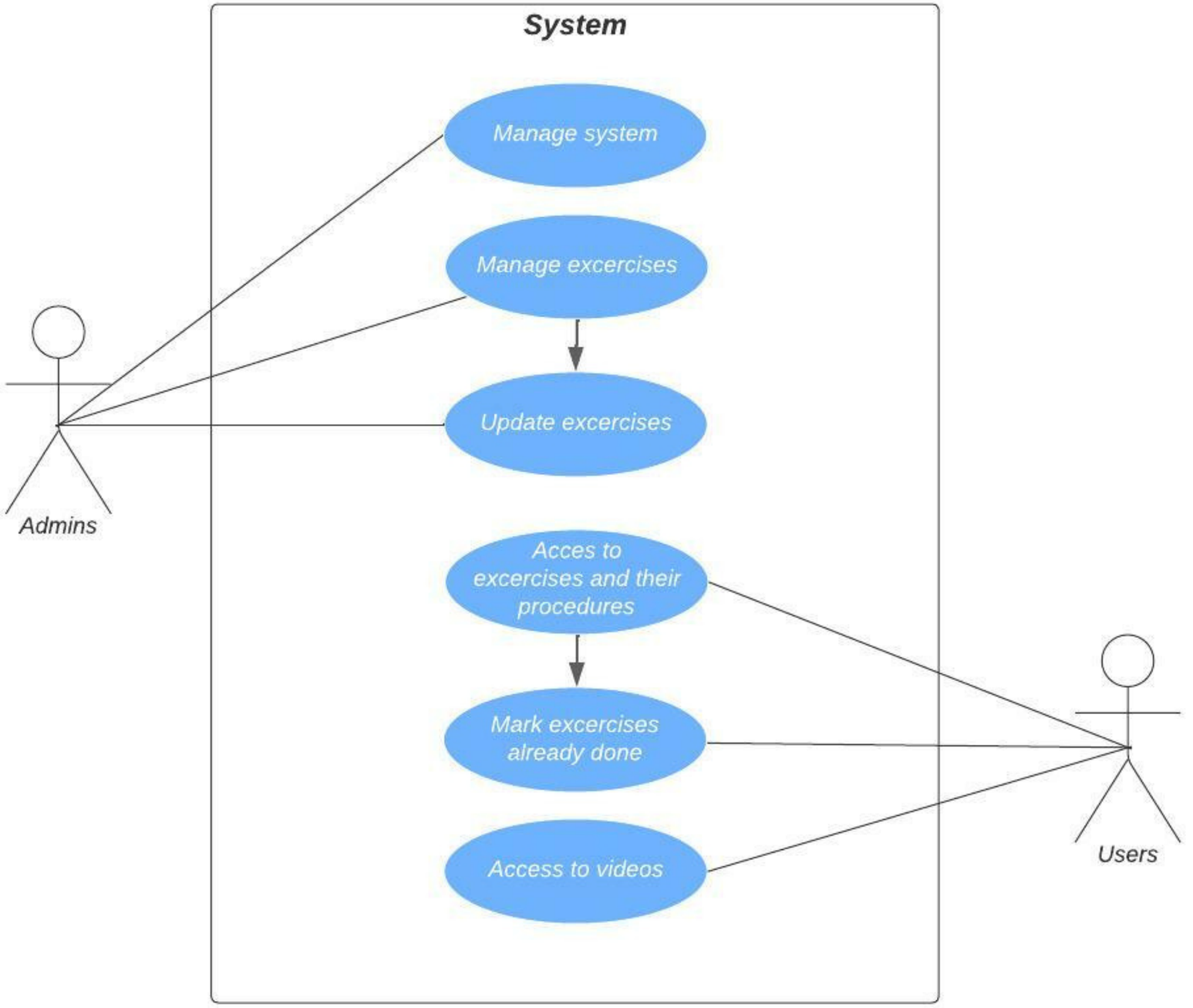
Added:

- The system will allow developers to modify it



Artifact tuning

One user story was added per each requirement. We utilized use case diagrams to summarize the requirements and contrast them with the ones from the past deadline.


System
Manage system
Manage excercises
Update excercises
Admins
Acces to excercises and their procedures
Mark excercises already done
Access to videos
Users

UI sketching

NOTA PARA QUIEN EDITE EL VIDEO:
Después de esta diapo, ponen el prototipo que hizo mike en la EDICION, aqui solo va el título. Mientras van explicando.
CESAAARRRR

Requeriment concordance

Our prototype meets most of the requirements. Some are implicit, such as the unique use of language in Spanish.

The only requirement that was not met was NFR005 since the application has not been developed.

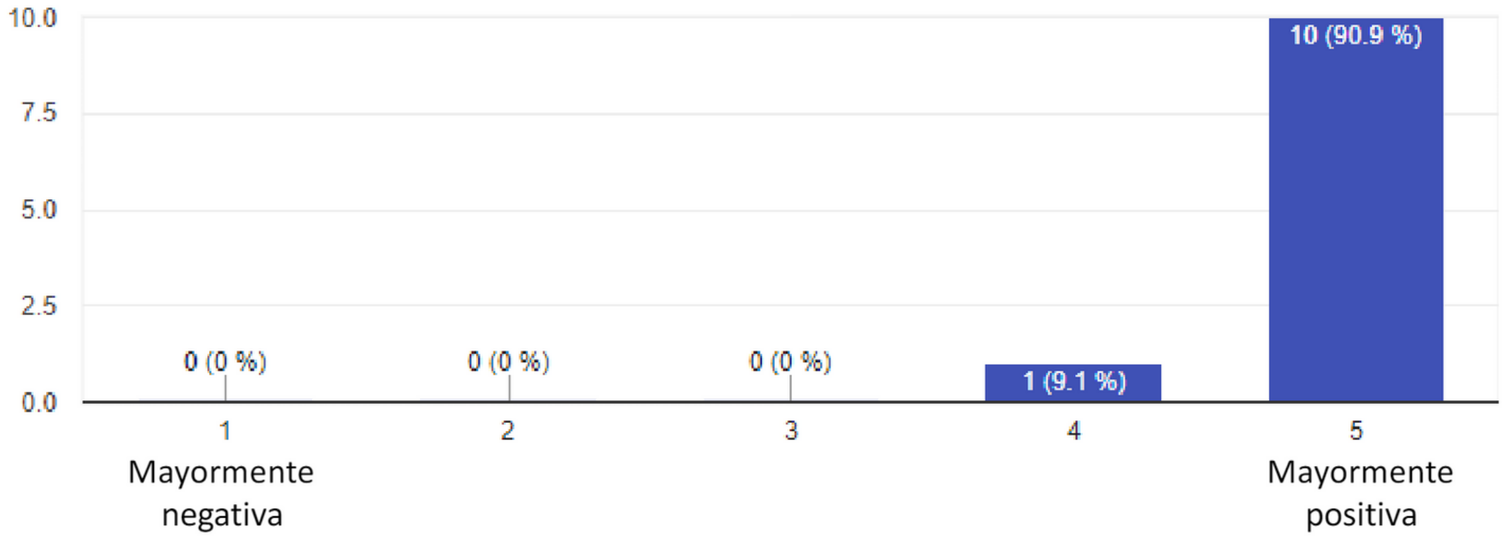
UI validation

For interface validation, we asked classmates to make use of our prototype. Subsequently, we ask them to answer a satisfaction survey .

Califique la experiencia general que tuvo al utilizar la aplicación

Copiar

11 respuestas



Describa brevemente qué fue lo que más le agradó de la aplicación

11 respuestas

La forma en que los ejercicios fueron clasificados por dificultad

Para mi fue realmente muy sencilla de usar, me gusta que no tiene tantas cosas y así sería mucho más facil el utilizarla para estudiar ya que me ahorría mucho tiempo

Me encanta que tenga ejercicios de diferentes nivel de dificultad

los temas me parecen buenos y de utilidad

La aplicación en su totalidad fue de mi agrado, particularmente la función de separar los temas en tres niveles diferentes

todo, la interfaz, los temas, la forma en que todo está acomodado, me parece un gran trabajo 👏

Me gustó que hayan puesto temas de algebra tanto intermedia como básica porque asi puedo repasar

personalmente me gustó todo

la app no tiene anuncios ni sonidos que desconcentren

me gusta que se creen nuevas aplicaciones sobre algebra, ya que son de utilidad para los estudiantes

El hecho de que es muy fácil encontrar gran cantidad de ejercicios de distintos temas de álgebra

Process management

We used Microsoft teams and Whatsapp to communicate, as well as a "Tasks and Goals" list in our Github repository to keep track of our progress; this list consists of three columns: what we have done, what we are working on and what is left to do.

Individual contribution metric

Accountables	Total	Completed	Points obtained in the activities	Attendance	Based on 16.67%	Based on 100%
Ashley Shaden Aguilar Moreno	5	5	15/15 = 100%	8	16.67%	100%
César Alejandro Huerta Méndez	6	6	15/15 = 100%	8	16.67%	100%
Osmar Jesús López Delgado	5	5	15/15 = 100%	8	16.67%	100%
Frida Pineda Alvarado	7	7	15/15 = 100%	8	16.67%	100%
Miguel Ángel Reyes Martínez	5	5	15/15 = 100%	8	16.67%	100%
Arturo Cadena Méndez	6	6	15/15 = 100%	8	16.67%	100%
Ponderation	10%		80%	10%		Out of 100%
Number of meetings:	8		Average points: 15			

Generic competences

During the process, the sprint sessions allowed us to improve our oral expression skill for we had to share our individual contribution.

Specific competences

This competition was achieved through presentations carried out by our classmates and constant feedback.