Ultreya is an interactive case study that has been designed to enable students to learn some of the basic concepts of Operations Management, such as capacity, bottlenecks, cycle time and batch size. These are analyzed using the scenario of a bakery.

This interactive case study includes the following sections:

- Depiction of the process
- Characteristics of the process
- Optimization of the process
Students will identify the different resources that make up the pie production process, the availability of these and the total time required to produce a production unit.
Using a graphic tool, students have to construct production processes under different circumstances and conditions. For this, students have to analyze the resources availability and the total time needed to complete the process.

As well as this, questions are asked in order to guide students to identify the bottlenecks, production times and the advantages of using a batch production model.
As students complete their proposal, they receive personalized feedback that indicates their mistakes and errors. For example, using an already occupied resource wastes time, etc.

Students then have the opportunity to re-plan the production process, improving it using the feedback received previously.