**Project**

**Title:**
Design a new Toilet cistern, equipped with an integrated device to clean the toilet bowl

**Introduction:**
The most common situation in our market is that the cistern is used only for flushing the bowl and users have to use other accessories (typically a toilet brush). This situation is often messy and unpleasant.

**Project Brief:**

Design a new Toilet cistern equipped with an integrated device to effectively remove stains and clean the toilet bowl. The aim is to improve the user experience of the Toilet suite, avoid dirty water dripping, etc.

Explore the different alternatives available nowadays in the market (Benchmark)

Analyse the pros/cons of the current products (Reverse Engineering)

Detect innovative features or functions that are not available and that may represent a step forward with regards to:
- Usability
- Installability
- Performance

Design the new cistern including all the insights gathered above. Including 2D with overall dimensions, rough breakdown list of components and materials and 3D.

**Company**

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**Project team:**

**Number of students:**

**Students speciality:**
- Business Management
- Mechanical engineering
- Electrical engineering
- Electronics engineering
- Chemical engineering
Computer engineering.
Telecommunications engineering.
Design
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