Cheers
Second Sprint

Master Practical: Edge Computing and the Internet of Things - Team GAD
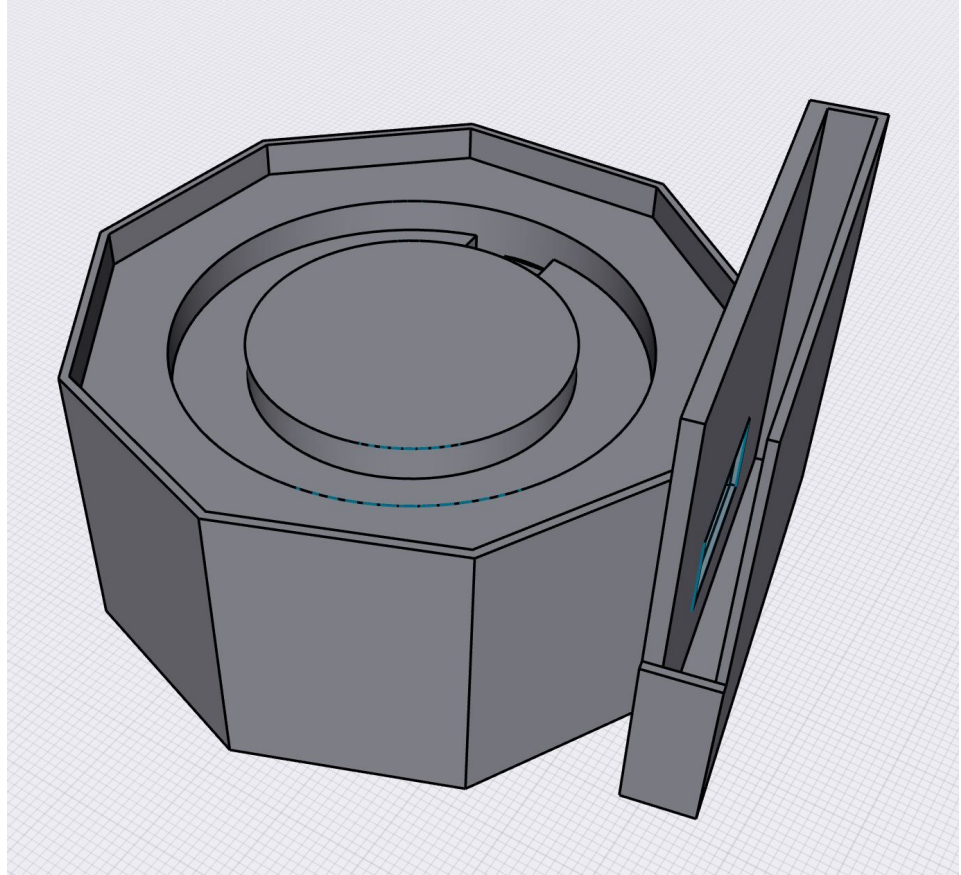
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Planned tasks for Sprint 2

- Improve Hardware Prototype
    - build 3D printed case
    - add threads
    - fix NFC reliability

- Expand gateway functionalities

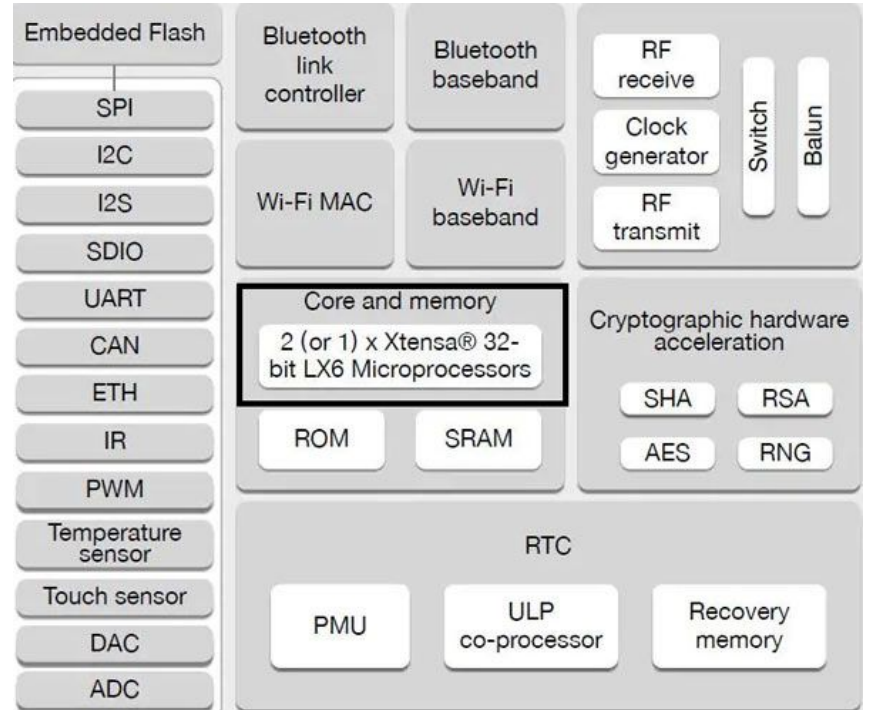- Expand cloud functionalities
    - different user and provider accounts

3D Model

- First iteration of the 3D model

- Will be improved and made waterproof in the future

LED control

- Use second core instead of threads

- Core 1:
  - WIFI/ZigBee
  - MQTT
  - NFC

- Core 2:
  - LED animations

Gateway

Select :

Order a drink

Start a game

Cloud

Demo

Problems in this Sprint

- NFC module is still not reliable
  - often needs a reset
  - => does not work with software reset => try other modules

- ZigBee modules were detected but could not be used
  - => must be flashed before

Plans for the next sprint

- Improve Hardware Prototype

- Expand gateway functionalities
  - Add at least 2 Games
  - Add points system + leaderboard

- Expand cloud functionalities
  - different user and provider accounts