



Start Date :
9-13-2016
End Date :
1-25-2017

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UC01_Designing & Assembling Box

Use Case Name	UC01_Designing & Assembling Box
Scope	CAD and box production
Level	Dev level
Primary Actor	Devs
Stakeholders	everyone
Preconditions	The box should be designed by CAD
Postconditions	The box should be assembled and all its components shall fit correctly inside

Main Success Scenario

- the devs responsible of making the box should have mockups explaining him how to design the box
- the dev should make the CAD
- based on the cad, the box components should be printed
- the different printed components should assemble harmoniously
- the different electronic components should be assembled and soldered, if necessary
- the dev places everything in the box and it should matches the dimenesions
- the process should be obvious on the manual so the participants can reproduce the assembling

Extensions

- the box should be redesigned in case of dimension changes of new components

Special Requirements

- the material should be use with caution to respect the budget
- the design should match with the project graphical standards

Technology & Data variation list

- electronic wood/plastic cutter
- all the components required

Frequency of Occurrence

- before 1st and second workshop