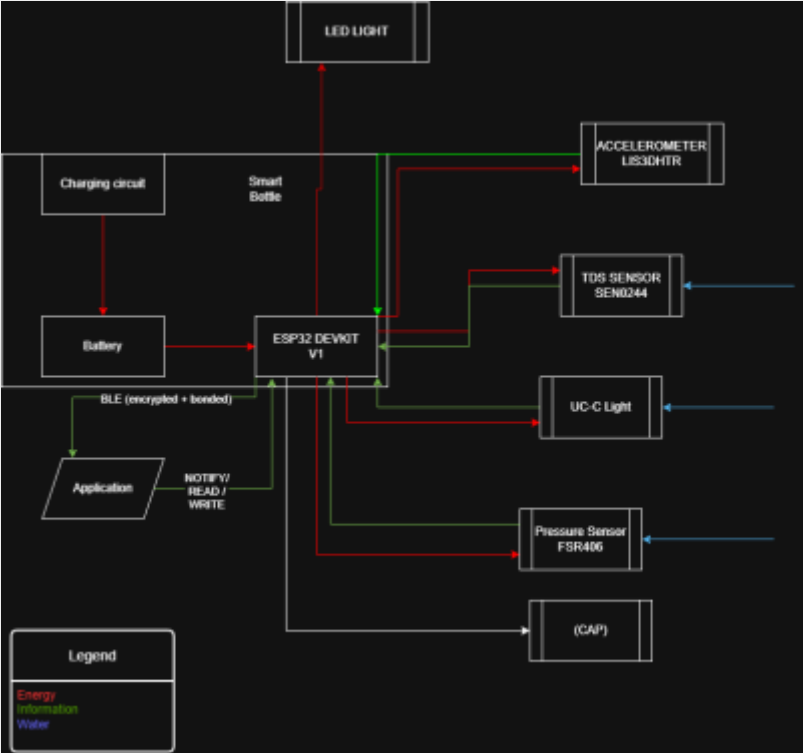


Table of Contents

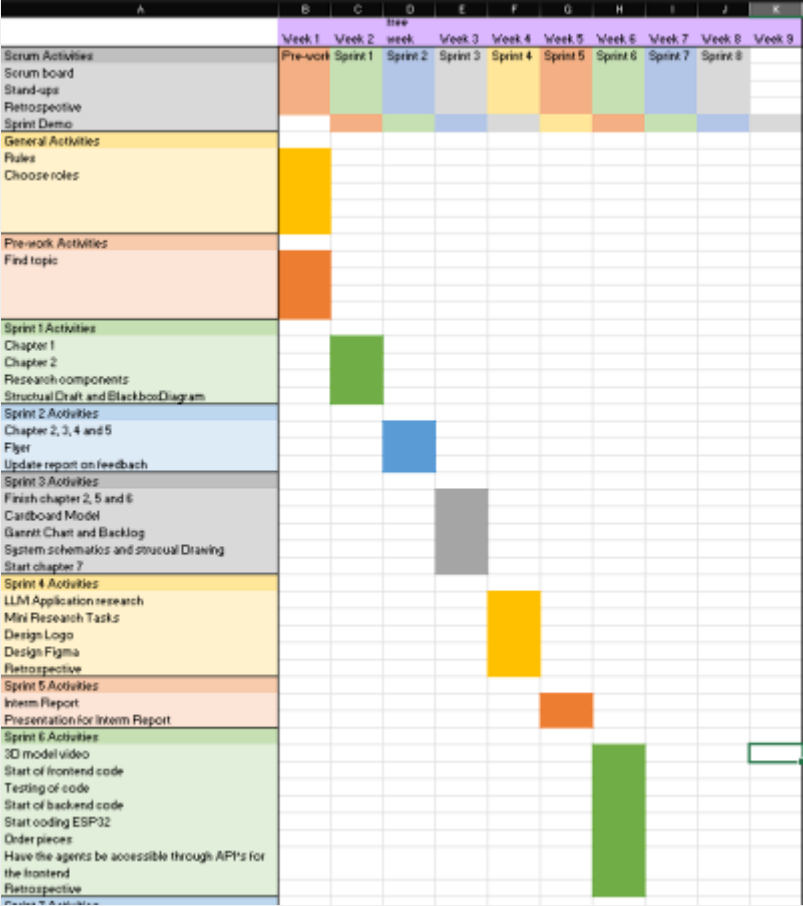
Description

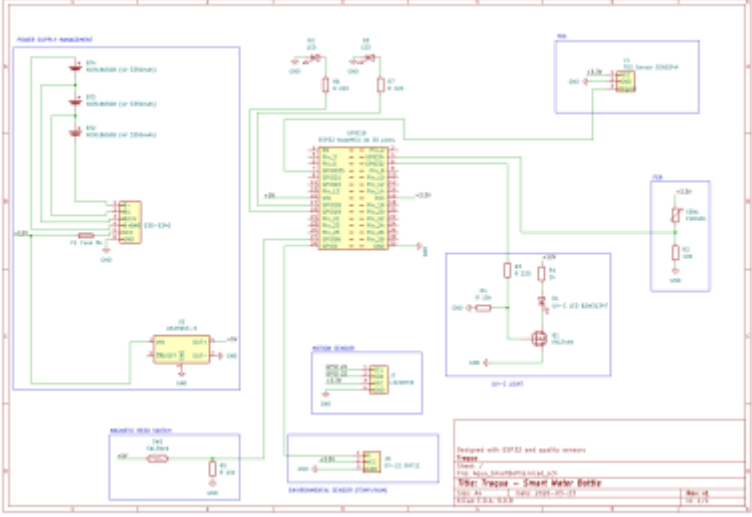
Link(s)

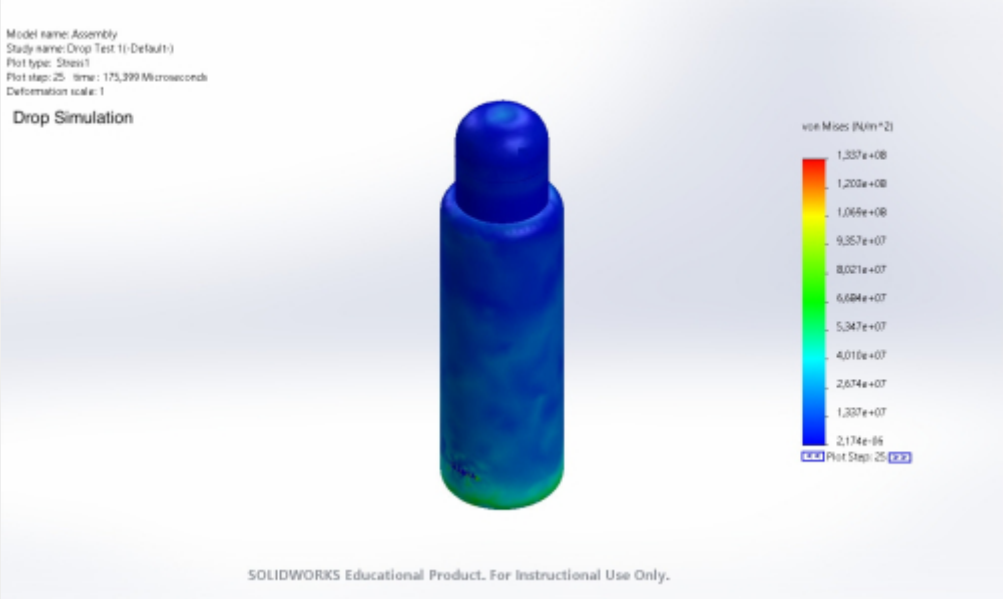
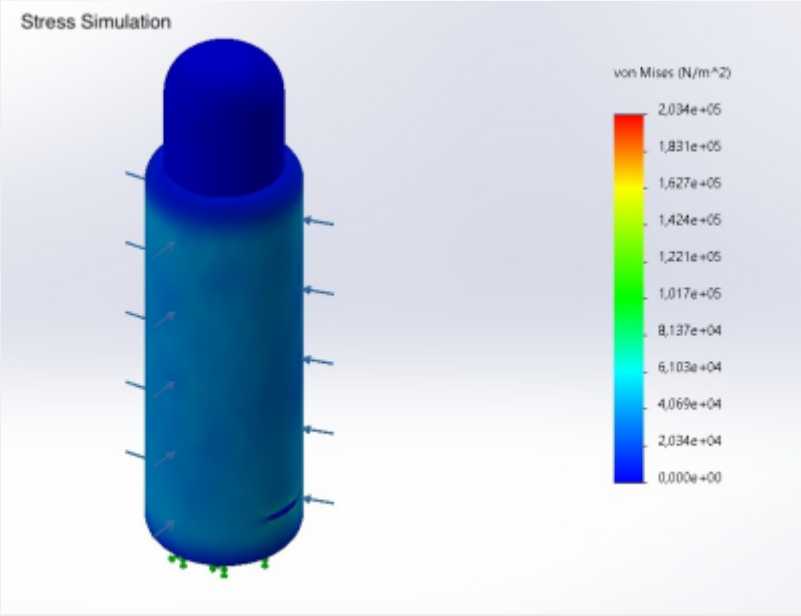
Black Box Diagram



Gantt Chart



Description	Link(s)
System Schematics	
List of Materials and Updated Black Box	components_and_materials.xlsx
Interim Report	External Link and PDF
Interim Presentation	Interim Presentation PDF Interim Presentation PPTX
Flyer	traqua_flyer.pdf
Leaflet	traqua_leaflet.pdf
List of Materials & Components	External Link
3D Model Video	traqua_video.mp4
Drawings	External Link
Packaging	

Description	Link(s)
Simulations	Model name: Assembly Study name: Drop Test 1 (-Default-) Plot type: Stress1 Plot step: 25 time: 175,399 Microseconds Deformation scale: 1 Drop Simulation  SOLIDWORKS Educational Product. For Instructional Use Only. Stress Simulation 
Final Report	traqua.pdf
Final Presentation	final_presentation.pptx
Paper	Handed in

Description	Link(s)
Poster	 Rieke Platthaus Maria Włodarczyk Inês Margand Guillem Vázquez Roldúa Maximilian Salmi Bernardo Alves TRAQUA Know your bottle Trust your water The Problem Bottles don't give feedback People don't drink enough water and don't know what's in it The Solution Traqua turns a simple bottle into a smart system: • Real-time water quality analysis • Automatic hydration tracking • Smart reminders How it works Sensors analyze your water → Microcontroller processes data → App displays insights in real time Why it matters • Drink safely • Stay hydrated • Reduce plastic waste • Build healthy habits Smart application Daily water intake tracking Personalized goals Water quality reports Requirements Portable & user-friendly React-based application Measure. Track. Clean. Fill → Analyze → Drink → Improve ISEP INSTITUTO SUPERIOR DE ENGENHARIA DO PORTO www.TRAQUA.com
Code	App Link and Website Link and ESP322 https://github.com/AlvesBernardo/TraquaPi
Manual	user_manuel.pdf
Video	video.mp4
Tests	functional_testing.pdf testplantraqua_.pdf traquatestreport.pdf

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