Simple Graph Calculator and Plotter - To-Do list

July 27, 2025

Required Tasks

- Plan out functionality, usability and actual audience and check for feedback

- Plan initial structure (graph-model)

- Design UI layout

- Define error scenarios and message (separate document)

- Design test scenarios

- Implement graph logic with initial graph

- Add settings storage and reloading mechanism (JSON)

- Add all required graph types

- Optimize graph layout

- Beautify user inputs

- Include Oxyplot support text

- Generate user documentation

- Generate developer documentation (ChangeLog, Installation Guide, Test Plan)

Fixes/Known issues

- Fix input boxes for xMin/xMax to not accept non numerical values

- Fix non responsive behaviour of the textboxes

- Fix crahes if Setup folder is deleted

- Fix crashes if Json file is corrupted / manipulated

- Add global exception handler

Nice to have (optional)

- Generate custom logo for this application

- Relabel x-axis unit to Π

- Make graph color adjustable

- Add ToolTips for graphs

- Add option to display grid and axis on graph

- Add settings info to stored image (svg)