Project Proposal

subject: Visual Editing of PSF specifications
supervisor: Bob Diertens

programs: bachelor Computer Science, master Computer Science
required knowledge:
  process algebra
  course: Theoretische Aspecten van Programmatuur

description:
At https://staff.fnwi.uva.nl/b.diertens/psf/ a description of the project PSF can be found. The PSF Toolkit provides the opportunity to couple the simulation of a specification to an animation. Such an animation can be generated from a compiled version of the specification. We want to be able to develop a specification from a sketch of the application. We focus hereby on specifications used in a software development process (see https://staff.fnwi.uva.nl/b.diertens/se-pa/). From the sketch that consists of components and the communication channels between them, it should be possible to develop a complete specification with animation.

assignment:
Develop a visual editor for producing PSF specifications and that can be integrated with the existing Toolkit.