Sewing pattern construction is a fundamental part of garment design. The subject of this thesis is the implementation of an editor of sewing patterns, that would suite the needs of independent apparel designers and custom apparel manufacturers. The editor follows closely the procedure of manual pattern design and thus is easy to use for the designer. The final
program covers the most vital steps in pattern design. Patterns created in the program can be reused for different customers, since they automatically adjust to given body measures.