We begin the document with describing our product, by explaining the design and our decisions of our machine in the Machine Design part. Next, we give a description of how the PP2 should behave in the Software Specification segment. Then, in Software Design, we design a Java program to realise the aforementioned behaviour in Software Specification. Finally, this program is translated into Assembly in the Software Implementation and Integration part.

Afterwards, there is the process part. Here, we describe how we, as a group, functioned, and what we learnt from this. Included at the end as appendices are a model of the finite-state automaton, made in UPPAAL, the Java program, an explanation of the PHP to Assembly compiler and the functions of the compiler, the PHP program, and the Assembly code.