4-Stroke Engine Simulator

RSD – Requirements specification document

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Overview: This software is meant to simulate an 8-cylinder, 4 stroke engine for the purpose of testing performance with a variety of modifications applied. As such, the design must remain loosely coupled to allow easy part swapping and planning must remain open ended to ensure that additions and modifications can be made easily down the line. Furthermore, because this is a simulator, performance must remain a priority, as running in real time is a goal.