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***Total Health System Design Document***

# **Introduction** (ES)

The following document details the architecture of *Total Health*’s system along with design requirements for the app’s functions. In other words, this document further describes how the system’s functions operate. The *Class Diagram* showcases all the system’s objects, along with the attributes and methods required for each to fulfill functional requirements. The *StateChart Diagrams* represent the various states the objects will operate under; this could be thought of as an object’s lifecycle. The *First Cut Domain Sequence Diagrams* show each use case running within a time sequence.

**Class Diagrams** (ES)

# **StateChart Diagrams** (WC)

# **First Cut Domain Sequence Diagrams** (EC)

# **Pseudocode**(ES)