literatures, including SBT theories, intelligent tutoring designs, and novel modeling and machine learning approaches. Our goal is to develop an effective SBT-AID system that delivers high return-on-investment. Thus, throughout the design process we have made choices that minimize development costs while still supporting effective training. Figure 1 shows a high-level diagram of the architecture.

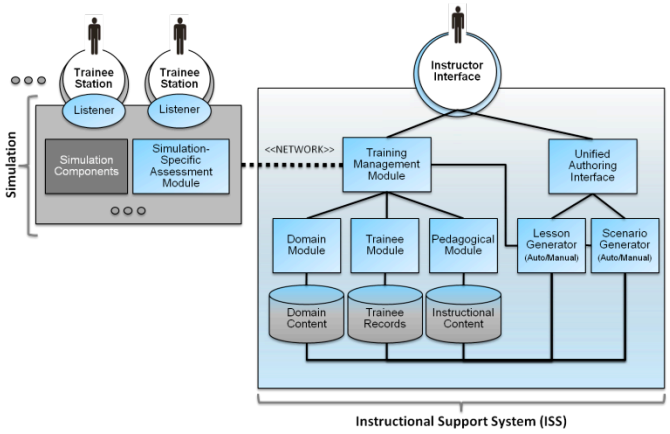

Figure 1. High-level design of the SBT-AID prototype

During this poster session, we will discuss the architectural design choices in much more detail. We will also present our research-based hypotheses regarding how the SBT-AID system will enhance training efficiency and effectiveness, while reducing the burden on human instructors.

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