TTT

Section 1.2

Problem no: 10 Are these system specifications conststent? "Whenever the system software is being upgraded, users cannot access the file system. If user's can access the file System, then they can save new files. It usens can not save new files, then the system software is not being upgrended."

Answer on the specifications the askame To determine whether these specifications are consistent, we finst express them using logical expressions. Let p denote. The system oftware is being upgraded", let q denote "Usens can access the file system and let k denote "They ream siave new files." The specifications can be written as $P \rightarrow \neg q$, $2 \rightarrow \pi$, $\neg \pi \rightarrow \neg P$.

From the truth table:

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We can see that, In assignments of that raines that makes all three specifications three amounts have makes all three specifications three amounts have makes false.

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