Homework 7

Due: 17 November 2025

Problem 7.1

Give appropriate schemas for relational databases matching the following descriptions:

- Products stocked by a store, including location in store and price
- Students who have taken the SAT, along with all their scores (note: what happens with students who have taken it multiple times?)
- Patients in a hospital, with information about their doctors and tests that have been performed. (Hint: multiple tables might help here too.)

On the databases with multiple tables, indicate columns referencing other columns when appropriate.

Collaboration policy: group work! If you work with other people on this homework, you can just hand in one copy and put all your names on top. There will be a revision cycle for this.

This document was written and prepared without the use of generative AI.