Homework #11: White Paper

For this assignment, you will write a white paper proposing to build a coffee shop in the Loomis Laboratory of Physics on the campus of the University of Illinois at Urbana-Champaign. Your white paper should be no more than one page long, single spaced, have no figures, and formatted with 1 inch margins and 12 pt. Times New Roman font.

Your white paper should have a title and an opening paragraph that assesses the basic parameters of the problem, such as an estimate for the number of customers per day, nearby competing vendors, and requirements for the physical location of a coffee shop.

The rest of the white paper should, in the context of these parameters, describe a plan for building and opening the coffee shop. Your plan should address:

- The products your coffee shop will sell.
- The hours you will be open.
- The location of the shop.
- A proposed equipment list (e.g., tables, chairs, coffee maker, refrigerator, etc.) with an estimated budget.
- A plan to handle operations (including staffing and supervision) at scale.

Write your white paper as if it will be assessed by the Head of the Physics Department, Dale van Harlingen, who has had a long standing interest in solving this problem.

This assignment is due December 2 by 9 pm. Email your assignment to phys496@physics.illinois.edu. Late submissions will be downgraded. This assignment is not eligible for rewrite points.