



Slide 2

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Why Are Design Skills Important?
Large (i.e., "interesting"?) programming projects more or less require good design to have much hope of succeeding.
Even if you don't plan to program for a living, the ability to analyze a problem and think about how it could be solved using computer systems is a valuable skill. We think this kind of analysis and design work is relatively difficult to "outsource".

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Design Project — Constraints

- You have some flexibility in deciding exactly what functionality to provide that's part of the design problem.
- You also have the following constraints:
 - Your solution should be as cross-platform and portable as possible e.g., no Windows-only or Linux-only solutions.
 - Your solution should not require spending money e.g., if you use existing products/programs, they must be public-domain / free.

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Minute Essay • What are your goals for this course?