

University of Toronto

Department of Computer Science

## Lecture 5: Requirements Specifications

- → Why we need to write specifications
  - **4** Purpose and audience
  - & Choosing an appropriate size and formality
- → Desiderata for Specifications
  - ♦ Properties of good specifications
  - ⋄ Typical problems
  - ♥ What not to include
- → Structure of a requirements document
  - **♥ IEEE standard**

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	Project A	Project B
Purpose of spec?	Crystalizes programmer's	Build-to document; must
	understanding; feedback	contain enough detail for
	to customer	all the programmers
Management view?	Spec is irrelevant; have	Will use the spec to
	already allocated	estimate resource needs
	resources	and plan the development
Readers?	Primary: Spec author;	Primary: programmers,
	Secondary: Customer	testers, managers;
		Secondary: customers

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