



SOFTWARE ENGINEERING COURSE I

# The Software Crisis

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# THE SOFTWARE CRISIS

Complex

- Lack of adequate methodologies.
- Without defined process.
- The rapid growth of computing

-Systems needed to be scaled or updated

it originates

large scale projects

Demonstrating

had doc is unsuitable for  
large scale and complexity

the high-level languages  
and  
the formal methods

promoted the development

of high level languages

the formal methods provide  
framework to formalize systems

Software Engineering Professionalization Post-Crisis

This segment highlights how the software  
crisis served as a catalyst for the professionalization  
of software engineering

It will delve into how this crisis led  
to the creation of dedicated university programs and professional  
certifications in the field