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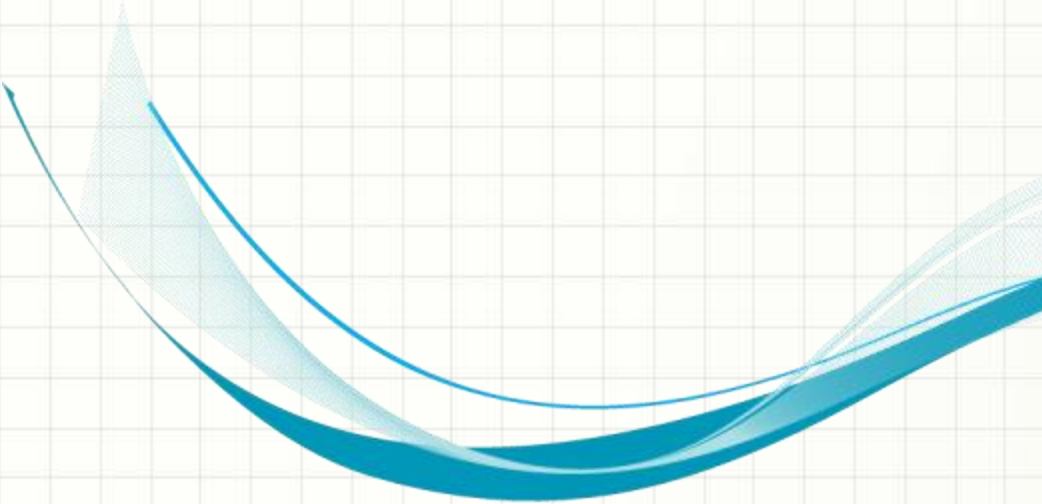
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# SOFTWARE QUALITY MANAGEMENT

## CSP587

Prof. Dennis Hood  
Computer Science



# Team Project #4

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- Measurable Process Improvement
  - Read “A History of the CMM for Software” (posted on Canvas)
  - As a team, reflect on the role of the SQM in improving the organization
- Develop a report
  - Document your team’s key “takeaways” with respect to a Software Quality Manager’s responsibility to continuously improve the performance of the organization
    - What is the role of the SQM?
    - What investments should the organization anticipate and how can the SQM convince management that the investments will be worth it?
    - What is the connection between an organization’s level of maturity and its performance in developing software systems?
    - How does continuous improvement make the SQM’s job easier?
  - Focus on the “Key Actions to Advance” section
    - Document actions that the SQM should take for each of the 4 progressions (level 1 to 2, and so on)
    - Be sure to include measurement and analysis approaches to be implemented at each progression to ensure progress
- Submit by 11/25
  - Team report (one per team)
  - Include a status report