

# CAS 741 (Development of Scientific Computing Software)

Winter 2023

## SRS Presentations 3

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# SRS Presentations 3

- Administrative details
- Presentations

# Administrative Details

- Qualities of the software: usability, verifiability, maintainability, performance, etc.
- Unambiguous, validatable and abstract
- Consider making a relative comparison to a “competing” product
- Think about the types of your variables (not everything is a real number)

# Administrative Details: Draft Report Deadlines

<b>System Req. Spec. (SRS)</b>	Week 04	Feb 3
System VnV Plan	Week 06	Feb 17
Module Guide (MG) + Mod Int Spec (MIS)	Week 09	Mar 17
Drasil Code (Drasil projects)	Week 09	Mar 17
Final Documentation	Week 13	Apr 12

- The written deliverables will be graded based on the repo contents as of 11:59 pm of the due date
- If you need an extension for a **written** doc, please ask
- When ready, assign issues to your primary and secondary reviewers
- GitHub issues due two days after assignment deadlines
- From Drasil Code onward, Drasil projects no longer need to maintain traditional SRS

# Administrative Details: Presentations (Draft Deadlines)

<b>SRS</b>	Week 03/04	Week of Jan 23, 30
Syst. VnV	Week 06	Week of Feb 13
POC Demo	Week 06, 07	Week of Feb 13, 27
MG + MIS Syntax	Week 09	Week of Mar 13
MIS Semantics	Week 09	Week of Mar 13
Unit VnV/Implement	Week 11/12	Week of Mar 27, Apr 3
Drasil	Week 11/12	Week of Mar 27, Apr 3

- Specific schedule depends on final class registration
- Informal presentations with the goal of improving everyone's written deliverables
- Domain experts and secondary reviewers (and others) will ask questions

# Tentative Presentation Schedule

- SRS Present (25 min)
  - ▶ **Feb 2: Zehong, Karen, Joachim**
- Syst V&V Plan Present (25 min)
  - ▶ Feb 15: Sam, Jason, Zehong
- Proof of Concept Demonstrations (25 min)
  - ▶ Feb 16: Joachim, Lesley, Mina,
  - ▶ Mar 2: Maryam, Deesha, Karen
- MG Present (Drasil SRS Code) (15 minutes)
  - ▶ Mar 15: Maryam, Joachim, Karen, Sam, Zehong
- MIS Present (Drasil SRS Code) (15 min)
  - ▶ Mar 16: Jason, Lesley, Deesha, Mina
- Drasil Project Present (25 min each)
  - ▶ Mar 29: Zehong, Sam, Jason

# Tentative Presentation Schedule

- Test or Impl. Present (25 min each)
  - ▶ Apr 5: Lesley, Karen, Deesha
  - ▶ Apr 6: Mina, Joachim, Maryam
- 4 presentations each (please check)
- If you will miss a presentation, please trade with someone else