

CAS 741 (Development of Scientific Computing Software)

Winter 2023

POC Demos 2

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POC Demos

- Administrative details
- Demonstrations

Administrative Details

- When developing your code, remember that your goal is for someone else to be able to compile and run it

Administrative Details: Report Deadlines

MG + MIS Week 09 Mar 17

Drasil Code 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

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

Presentation Schedule

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

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

Today's POC Demos

- Deepen your understanding by jumping into implementation
- Identify a risk with your code and implement enough to show you can resolve it
- Looking for an actual demo with running code
- Presentation
 - ▶ **Explicitly identify your risk**
 - ▶ Run your code
 - ▶ Discuss your implementation
- Simplify as much as necessary
- Do not use this code in your actual implementation