

CAS 741, CES 741 (Development of Scientific Computing Software)

Fall 2020

POC Demos 1

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October 26, 2020



POC Demos

- Start recording
- 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
- Upcoming classes
 - ▶ L13 - Modular Design
 - ▶ L14 - POC 2
 - ▶ L15 - Module Interface Specification

Administrative Details: Report Deadlines

System VnV Plan	Oct 29
MG + MIS (Traditional)	Nov 19
Drasil Code and Report (Drasil)	Nov 19
Final Documentation	Dec 9

- 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 deliverable, please ask
- You should inform your primary and secondary reviewers of the extension
- Two days after each major deliverable, your GitHub issues will be due

Admin Details: Presentation Schedule

- Proof of Concept Demonstrations (15 min)
 - ▶ **Mon, Oct 26: Mohamed, Xuanming, Parsa, Gaby**
 - ▶ Mon, Nov 2: Sid, Shayan, Leila, Xingzhi, Liz
 - ▶ Thurs, Nov 12: Salah, John
- MG Present (10 minutes)
 - ▶ Thurs, Nov 12: John, Tiago, Leila, Xuanming, Andrea
- MIS Present
 - ▶ Mon, Nov 16: Shayan, Parsa, Gaby, Sid, Xingzhi
- Drasil Project Present (20 min each)
 - ▶ Thurs, Nov 26: Andrea, Naveen, Ting-Yu

Presentation Schedule Continued

- Test or Impl. Present (15 min each)
 - ▶ Mon, Nov 30: John, Salah, Liz, Xingzhi, Leila
 - ▶ Thurs, Dec 3: Shayan, Naveen, Sid, Gaby, Seyed
 - ▶ Mon, Dec 7: Ting-Yu, Xuanming, Mohamed, Andrea, Tiago
- 4 presentations each
- If you will miss a presentation, please trade with someone else

Today's POC Demos

- Mohamed, Xuanming, Parsa, Gaby
- 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