

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

Fall 2020

## SRS Presentations 3

Dr. Spencer Smith

Faculty of Engineering, McMaster University

October 5, 2020



# SRS Presentations 3

- Start recording
- Administrative details
- Presentations

# Administrative Details

- No classes next week (midterm break)
- Schedule for presentations has changed
- Nonfunctional requirements
  - ▶ 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: Report Deadlines

<b>SRS</b>	Oct 8
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

- SRS Present (15 min)
  - ▶ **Oct 5: Sid, Gaby, Parsa, Ting-Yu, Xuanming**
- Syst V&V Plan Present (15 min)
  - ▶ Thurs, Oct 22: Ting-Yu, Mohamed, Naveen, Liz, Salah
- Proof of Concept Demonstrations (15 min)
  - ▶ Mon, Oct 26: Tiago, 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 (please verify)
- If you will miss a presentation, please trade with someone else

# Today's Presenters (Questioners)

- Sid (Xuanming, Gaby)
- Gaby (Mohamed, Parsa)
- Parsa (Andrea, Ting-Yu)
- Ting-Yu (Tiago, Xuanming)
- Xuanming (John, Mohamed)
- 15 minutes each
- Informal presentations
- Topics to cover
  - ▶ Project name
  - ▶ Draft Goal statements (you might only have time to cover this)
  - ▶ Draft Assumptions
  - ▶ Draft Input and output variables (data constraints)
  - ▶ Draft General Definitions and Theoretical models
  - ▶ Draft Instanced models
  - ▶ Questions (from reviewers, instructor, anyone)