TCSS 562: SOFTWARE ENGINEERING FOR CLOUD COMPUTING

Group Presentations I

Wes J. Lloyd
School of Engineering and Technology
University of Washington – Tacoma

TR 5:00-7:00 PM

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OBJECTIVES – 11/30

- **Questions from 11/23**
- Presentation Questions
- Tutorial 7 – Due Dec 7
- Tutorial 8 – Due Dec 17
- Tutorial 9 – Due Dec 17
- Tutorial 10 – no submission
- Group 10 – Technology: **AWS Athena**
  Ashwin Meena Meiyappan, Ayushi Ameta,Ananya Rao
- Group 13 – **Paper: Active-Standby for High-Availability in FaaS**
  Anindya Dey, Shishir Reddy
- Office Hours / Tutorial questions
- Team planning

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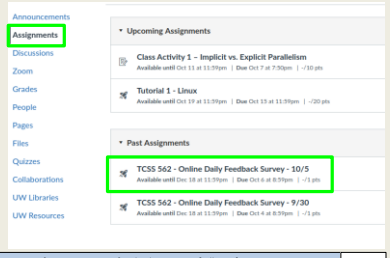
ONLINE DAILY FEEDBACK SURVEY

- Daily Feedback Quiz in Canvas – Take After Each Class
- Extra Credit for completing



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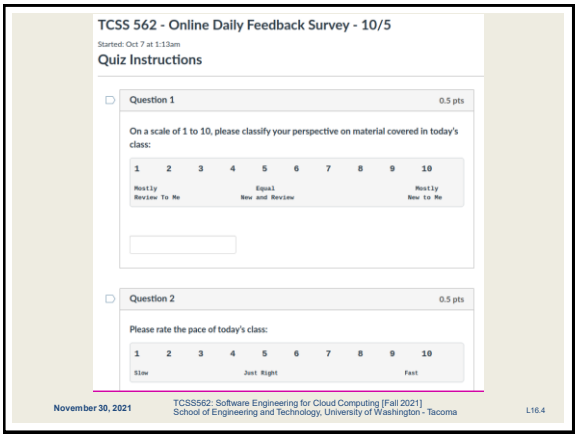

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MATERIAL / PACE

- Please classify your perspective on material covered in today's class (23 respondents):
- 1-mostly review, 5-equal new/review, 10-mostly new
- **Average – 6.37 (↓ - *previous 6.48*)**

- Please rate the pace of today's class:
- 1-slow, 5-just right, 10-fast
- **Average – 5.41 (↓ - *previous 5.35*)**

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FEEDBACK FROM 11/23

- **?**

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TUTORIAL QUESTIONS

- Tutorial 6: Nov 24
- Tutorial 7: Tuesday Dec 7th @ 11:59p
- Tutorial 8: ***Extra Credit*** – Dec 17 @ 11:59p
- Tutorial 9: ***Extra Credit*** - – Dec 17 @ 11:59p
- Tutorial 10 – No Submission

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GROUP PRESENTATION QUESTIONS

- Assignment created as ***quiz on Canvas***
- Only **ONE MEMBER** of each team needs to submit the quiz
- Quiz collects questions for group presentations in one place
- Best to submit all questions at once on/after Wed Dec 11
- Please provide 2 questions for each presentation not occurring on your team's presentation day
- Tuesday Nov 30 – Quiz for Groups 1, 2, 3, 6, 7, 8, 9, 11, and 12
- Thursday Dec 2 – Quiz for Groups 1, 2, 6, 9, 10, 11, 12, and 13
- Monday Dec 7 – Groups 1, 3, 7, 8, 9, 10, 11, and 13
- Wednesday Dec 9 – Quiz for Groups 2, 3, 6, 7, 8, 10, 12, and 13

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GROUP PRESENTATIONS – WEEK 10

Tuesday Nov 30
Slot #1 - **Technology: AWS Athena**
Group 10: Ashwin Meena Meiyappan, Ayushi Ameta,Ananya Rao
Slot #2 - Paper: Active-Standby for High-Availability in FaaS
Group 13: Paper: Anindya Dey, Shishir Reddy

Thursday Dec 2
Slot #1 - **Faster and Cheaper Serverless Computing on Harvested Resources**
- ***Group 3: Bob Schmitz, Viktoriya Grishkina, Danielle Lambion***

Slot #2 - **Duet Benchmarking: Improving Measurement Accuracy in the Cloud**
- ***Group 7: Andrew Lim, Di Mo, Solmaz Seyed Monir***

Slot #3 - **Resource Management for Cloud Functions with Memory Tracing, Profiling and Autotuning**
- ***Group 8: Duy Tran, Pragati Patil, Ranjana Bongale Ganesh***

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GROUP PRESENTATIONS – WEEK 11

Tuesday Dec 7
Slot #1 – **Simple Notification Service (?)**
- ***Group 6: Minzhi Qu, Yanliu Wang, Guanchen Zhao***

Slot #2 - **Distributed Machine Learning with a Serverless Architecture**
- ***Group 2: Zhifei Cheng, Sijin Huang, Zichao Zhang***

Slot #3 – IBM Cloud Functions
Group 12: Anmin Huang, Shuo Peng

Thursday Dec 9
Slot #1 - Tell Me When You Are Sleepy And What May Wake You Up!
- ***Group 1: Alekhya Palle, Satchit Dahal, Amir Almemar***

Slot #2 – **Azure Functions version 3 or 4 (?)**
- ***Group 9: Dev Gandhi, Nischal Khadka, Sri Vibhu Paruchuri***

Slot #3 - FaasCache: Keeping Serverless Computing Alive with Greedy-Dual Caching
- ***Group 11: Davis Railsback, Trina Pal, Parshva Kotak***

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TALK RECORDINGS

- Submit video recording links (URLs) via CANVAS
  - Final version of recording due by ~ Dec 17
- Can host video on Google Drive, Zoom (cloud), YouTube, or personal server and provide a link
- On day of presentation: arrive 10 min early to class to test video playback (*or test during halfway-point*)
- Group members should plan to be present to answer questions on day of talk
- If group members are unavailable, please contact instructor

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WE WILL RETURN AT ~6:10PM

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QUESTIONS

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