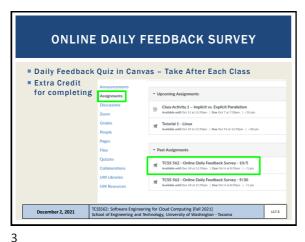
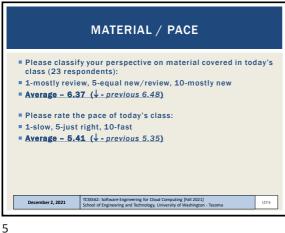


OBJECTIVES - 12/2 Ouestions from 11/30 Presentation Questions; Quiz 2 - to be posted Dec 6 ■ Tutorial 7/8/9 - Due Dec 7, Dec 17, Dec 17 A2 - Term Project Paper - Due Dec 17 A3 - Term Project Lightning Presentation - Dec 14 ■ Tutorial 10 - no submission Group 3- Faster and Cheaper Serverless Computing on Harvested Bob Schmitz, Viktoriya Grishkina, Danielle Lambion Group 7- Duet Benchmarking: Improving Measurement Accuracy in the Cloud Andrew Lim, Di Mo, Solmaz Seyed Monir Group 8- Resource Management for Cloud Functions with Memory Tracing, Profiling and Autotuning Duy Tran, Pragati Patil, Ranjana Bongale Ganesh December 2, 2021 TCSSS62:Softwar School of Engine Engineering for ing and Technol L17.2



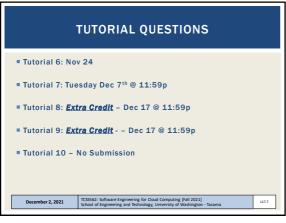
TCSS 562 - Online Daily Feedback Survey - 10/5 **Ouiz Instructions** On a scale of 1 to 10, please classify your perspective on material covered in today's TCSS562: Software Engineering for Cloud Computing [Fall 2021] School of Engineering and Technology, University of Washington - Tacr L17.4



FEEDBACK FROM 11/23 **2** December 2, 2021

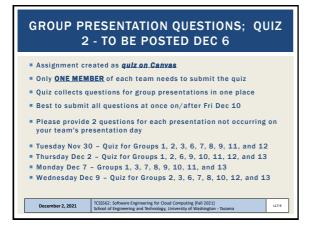
Slides by Wes J. Lloyd L17.1

2



**OBJECTIVES - 12/2** Questions from 11/30 Presentation Questions: Quiz 2 - to be posted Dec 6 Tutorial 7/8/9 - Due Dec 7, Dec 17, Dec 17 A2 - Term Project Paper - Due Dec 17 A3 - Term Project Lightning Presentation - Dec 14 ■ Tutorial 10 - no submission Group 3- Faster and Cheaper Serverless Computing on Harvested Bob Schmitz, Viktoriya Grishkina, Danielle Lambion Group 7- Duet Benchmarking: Improving Measurement Accuracy in the Cloud Andrew Lim, Di Mo, Solmaz Seyed Monir Group 8- Resource Management for Cloud Functions with Memory Tracing, Profiling and Autotuning Duy Tran, Pragati Patil, Ranjana Bongale Ganesh December 2, 2021 L17.8 ngineerin ng and Teo

1



**GROUP PRESENTATIONS - WEEK 10 Tuesday Nov 30** Slot #1 - Technology: AWS Athena Group 10: Bob Schmitz, Viktoriya Grishkina, Danielle Lambion Slot #2 - Paper: Active-Standby for High-Availability in FaaS Group 13: Paper: Andrew Lim. Di Mo. Solmaz Seved Monir Thursday Dec 2 Slot #1 - Faster and Cheaper Serverless Computing on Harvested Resources Group 3: Bob Schmitz, Viktoriva Grishkina, Danielle Lambion Slot #2 - Duet Benchmarking: Improving Measurement Accuracy in 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 December 2, 2021 L17.10

9

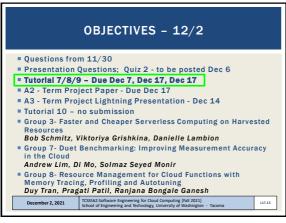
**GROUP PRESENTATIONS - WEEK 11** Slot #1 - Simple Notification Service (?) Group 6: Minzhi Qu, Yanliu Wang, Guanchen Zhao Slot #2 - Distributed Machine Learning with a Serverless Architecture Group 2: Zhifei Cheng, Sijin Huang, Zichao Zhang
Slot #3 - IBM Cloud Functions Group 12: Anmin Huang, Shuo Peng 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 TCSSS62: Software Engineering for Cloud Computing [Fall 2021] School of Engineering and Technology, University of Washington - Tacoma December 2, 2021 L17.11

**OBJECTIVES - 12/2** • Ouestions from 11/30 Presentation Questions; Quiz 2 - to be posted Dec 6 ■ Tutorial 7/8/9 - Due Dec 7, Dec 17, Dec 17 A2 - Term Project Paper - Due Dec 17 A3 - Term Project Lightning Presentation - Dec 14 ■ Tutorial 10 - no submission Group 3- Faster and Cheaper Serverless Computing on Harvested Bob Schmitz, Viktoriya Grishkina, Danielle Lambion Group 7- Duet Benchmarking: Improving Measurement Accuracy Andrew Lim, Di Mo, Solmaz Seyed Monir Group 8- Resource Management for Cloud Functions with Memory Tracing, Profiling and Autotuning Duy Tran, Pragati Patil, Ranjana Bongale Ganesh December 2, 2021 TCSSS62:Software Engineering for Cloud Computing [Fall 2021] School of Engineering and Technology, University of Washington - Tacoma L17.12

11 12

Slides by Wes J. Lloyd

10



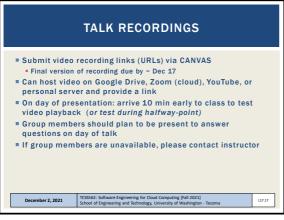
**OBJECTIVES - 12/2** • Ouestions from 11/30 Presentation Questions; Quiz 2 - to be posted Dec 6 ■ Tutorial 7/8/9 - Due Dec 7, Dec 17, Dec 17 A2 - Term Project Paper - Due Dec 17 A3 - Term Project Lightning Presentation - Dec 14 ■ Tutorial 10 - no submission Group 3- Faster and Cheaper Serverless Computing on Harvested Bob Schmitz, Viktoriya Grishkina, Danielle Lambion Group 7- Duet Benchmarking: Improving Measurement Accuracy in the Cloud Andrew Lim, Di Mo, Solmaz Seyed Monir Group 8- Resource Management for Cloud Functions with Memory Tracing, Profiling and Autotuning Duy Tran, Pragati Patil, Ranjana Bongale Ganesh December 2, 2021 L17.14 School of Engi ng and Te

13 14



**OBJECTIVES - 12/2** • Questions from 11/30 Presentation Questions; Quiz 2 - to be posted Dec 6 ■ Tutorial 7/8/9 - Due Dec 7, Dec 17, Dec 17 A2 - Term Project Paper - Due Dec 17 A3 - Term Project Lightning Presentation - Dec 14 = Tutorial 10 – no submission Group 3- Faster and Cheaper Serverless Computing on Harvested Bob Schmitz, Viktoriya Grishkina, Danielle Lambion Group 7- Duet Benchmarking: Improving Measurement Accuracy in the Cloud Andrew Lim, Di Mo, Solmaz Seyed Monir Group 8- Resource Management for Cloud Functions with Memory Tracing, Profiling and Autotuning Duy Tran, Pragati Patil, Ranjana Bongale Ganesh mber 2, 2021 L17.16

15



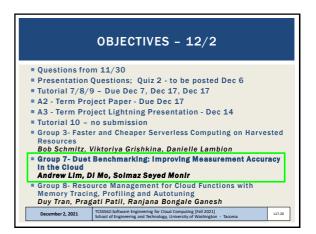
**OBJECTIVES - 12/2** • Ouestions from 11/30 Presentation Questions; Quiz 2 - to be posted Dec 6 ■ Tutorial 7/8/9 - Due Dec 7, Dec 17, Dec 17 A2 - Term Project Paper - Due Dec 17 A3 - Term Project Lightning Presentation - Dec 14 ■ Tutorial 10 - no submission Group 3- Faster and Cheaper Serverless Computing on Harvested Bob Schmitz, Viktoriya Grishkina, Danielle Lambion Group 7- Duet Benchmarking: Improving Measurement Accuracy Andrew Lim, Di Mo, Solmaz Seyed Monir Group 8- Resource Management for Cloud Functions with Memory Tracing, Profiling and Autotuning Duy Tran, Pragati Patil, Ranjana Bongale Ganesh TCSSS62:Software Engineering for Cloud Computing [Fall 2021] School of Engineering and Technology, University of Washington - Tacoma December 2, 2021 L17.18

17 18

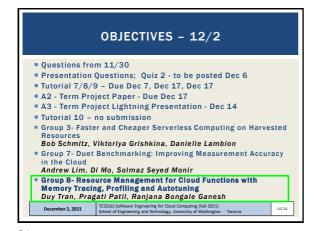
Slides by Wes J. Lloyd L17.3

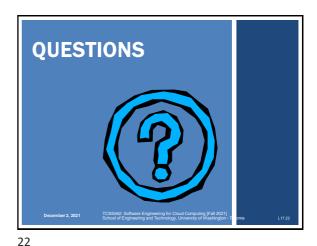
16



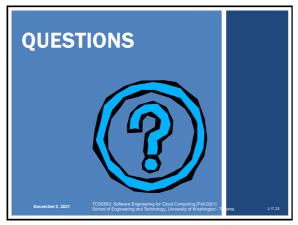


19 20





21



23

Slides by Wes J. Lloyd L17.4