CSCE 771: Computer Processing of Natural Language
Lecture 19: Project Review #2

PROF. BIPLAV SRIVASTAVA, AI INSTITUTE

27TH OCTOBER, 2022

Carolinian Creed: "I will practice personal and academic integrity."

Organization of Lecture 20

- Opening Segment
  - Announcements

- Main Lecture

- Concluding Segment
  - About Next Lecture – Lecture 21

Main Section
- Project Reviews, 2-3 mins per student

Recent Classes

Oct 20 (Th)	Events extraction, spatio-temporal analysis
Oct 25 (Tu)	Topic Analysis
Oct 27 (Th)	PROJ REVIEW
Nov 1 (Tu)	NLP Task: Sentiment
Nov 3 (Th)	NLP Task: Summarization
Nov 8 (Tu)	
Nov 10 (Th)	Working with LLMs for NLP Tasks - programming, Quiz

Review of Lecture 19
- Topic Analysis
- LSA
- LDA
- Topic Classification

Announcements

Project Review #2

Project Assessment Discussion

Reference: Project Rubric

- **Project results** – 60%
  - Working system ? – 30%
  - Evaluation with results superior to baseline? – 20%
  - Considered related work? – 10%
- **Project effort**s – 40%
  - Project report – 20%
  - Project presentation (updates, final) – 20%

- **Bonus**
  - Challenge level of problem – 10%
  - Instructor discretion – 10%
- **Penalty**
  - Lack of timeliness as per announced policy (right) - up to 60%

Milestones
- Penalty: **not** ready by Sep 15, 2022 **[-20%]**
- Project report **not** ready by Nov 10, 2022 **[-20%]**
- Project presentations **not** ready by Nov 15, 2022 **[-10%]**

Reference: Project Review Prep Instructions

- Let
  - L1: Review #1 slides repo
  - L2: Review #2 slides repo

- Refer to your slide at L1

- Enhance it with information about
  - Current status
  - Result of actual system on test example
  - Any critical issue

- Put new slide at L2

- In class, give update within 2-3 mins.

Format for Review Presentation Slide (2 mins)

- Project Name

- Problem

- Approach

- Status (based on your project plan)
  - **What's new from last update ?**

- Comment:
  - Challenges faced
  - Need help

Sample output from system on Test Case – *how will your program be run*

- Input

- Output

- Assumptions

Lecture 20: Concluding Comments

- Focus on project completion

- Outcome and timeliness are important considerations

About Next Lecture – Lecture 21

Lecture 21 Outline

- Sentiment Analysis Systems
  - Methods
  - Applications
  - Usability Considerations